

STUDY REPORT  
CAA-SR-91-4

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## **FORCE EMPLOYMENT STUDY (FES)**

**FEBRUARY 1991**



**PREPARED BY  
SPECIAL ASSISTANT FOR MODEL VALIDATION**

**US ARMY CONCEPTS ANALYSIS AGENCY  
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**Comments or suggestions should be addressed to:**

**Director**

**US Army Concepts Analysis Agency**

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## FORCE EMPLOYMENT STUDY (FES)

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REPLY TO  
ATTENTION (D)

CSCA-MVM

# DEPARTMENT OF THE ARMY

US ARMY CONCEPTS ANALYSIS AGENCY  
8120 WOODMONT AVENUE  
BETHESDA MARYLAND 20814-2797



20 MAY 1991

MEMORANDUM FOR Deputy Chief of Staff for Operations and Plans  
ATTN: DAMO-SSW, Washington, DC 20301-0400

SUBJECT: Force Employment Study (FES)

1. Reference memorandum, DAMO-SSW, 6 March 1990, subject: Force Employment Analysis Study - Study Directive.
2. Reference memorandum requested that the U.S. Army Concepts Analysis Agency (CAA) assist the Army in providing an assessment of the employment of United States Army forces during the timeframe 1975 to 1990.
3. This final report documents the results of our study and incorporates your comments on the draft report which were received in April 1991. Included is an executive summary which provides an overview of the entire study. Questions and/or inquiries should be directed to the Special Assistant for Model Validation, U.S. Army Concepts Analysis Agency, 8120 Woodmont Avenue, Bethesda, MD 20814-2797, DSN 295-1611, Commercial (301) 295-1611.
4. I would like to express my appreciation to all the staff elements and agencies which have contributed to this study.

E. B. VANDIVER III  
Director



## FORCE EMPLOYMENT STUDY (FES)

## STUDY SUMMARY CAA-SR-91-4

THE REASON FOR PERFORMING THIS STUDY was to provide a historical data base to supplement the force determination processes by analyzing instances of Army forces employment during the post-Vietnam period.

THE STUDY SPONSOR was the Deputy Director of Strategy, Plans, and Policy, Office of the Deputy Chief of Staff for Operations and Plans (ODCSOPS).

THE STUDY OBJECTIVES were to:

- (1) Provide a reference data base which can be used by decisionmakers in future crises.
- (2) Establish a data base for use in force structure analysis and aid in the design of future simulations and war games.
- (3) Assess historical Army force employment requirements.
- (4) Assess the impact of employing selected units to satisfy urgent requirements or the availability of these units in the force structure.

THE SCOPE OF THE STUDY included the following:

- (1) The actual scenario used in the respective operations.
- (2) The theater in which each operation occurred.
- (3) Operations involving 50 or more soldiers simultaneously.

THE MAIN ASSUMPTION was that adequate data on force employment would be reasonably available to build an historical reference data base.

THE BASIC APPROACH was to gather information, automate the data, and analyze the data. Information was collected from the Department of the Army Staff; the US Army Center for Military History; Headquarters, US Army Forces Command (FORSCOM) Staff and FORSCOM subordinate units; the Engineer Studies Center; the National Guard Bureau, and other organizations.

PRINCIPAL FINDINGS of the study include the following:

- (1) During the period 1975 to 1990, prior to Operation Desert Shield, there were 22 major US Army employments (i.e., more than 50 soldiers) outside the continental United States (OCONUS) and 27 major employments within the continental United States (CONUS) for other than routine operations. These major employments varied greatly in mission, size, and duration.

(2) Approximately 9.4 million man-days were used by the Active Army, Army Reserve, and National Guard in support of both CONUS and OCONUS operations.

(3) Total man-days were allocated as follows:

- OCONUS Operations (77.4 percent)
  - Combat operations (5.5 percent)
  - Peacekeeping operations (30.0 percent)
  - Show of force (0.5 percent)
  - Security augmentation (11.0 percent)
  - Nation building and support (21.9 percent)
  - Humanitarian assistance (8.5 percent)
- CONUS Operations (22.6 percent)
  - Disaster assistance (4.8 percent)
  - Support to law enforcement and other agencies (2.7 percent)
  - Refugee resettlement operations (15.1 percent)

(4) Total man-days required for both OCONUS and CONUS operations were performed by the following units:

- Infantry (36.7 percent)
- Combat service support (10.4 percent)
- Military police (14.7 percent)
- Engineers (13.9 percent)
- Aviation (7.3 percent)
- Medical service (3.2 percent)
- All others (13.8 percent)

THE STUDY EFFORT was directed by LTC Clifton Headen, Jr., US Army Concepts Analysis Agency.

COMMENTS AND QUESTIONS may be addressed to the Director, US Army Concepts Analysis Agency, ATTN: CSCA-MVM, 8120 Woodmont Avenue, Bethesda, Maryland 20814-2797.

*Tear-out copies of this synopsis are at back cover.*

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## FORCE EMPLOYMENT STUDY (FES)

### CHAPTER 1

#### EXECUTIVE SUMMARY

**1-1. PROBLEM.** This study documents United States Army force employments from 1975 to pre-Desert Shield 1990 both in the continental United States (CONUS) and outside continental United States (OCONUS).

**1-2. BACKGROUND.** Development of Army force structure has traditionally been based on being ready to fight against a large Soviet threat. The changing national and international situation reduces the likelihood that conflict will occur as described in previous Defense Guidance scenarios. Attention is focused on the demand for the Army participation in a wide range of missions required to support national objectives in peacetime and in small contingencies. An analysis of the actual employment of Army forces during the post-Vietnam period provides an historical data base to supplement force determination processes.

**1-3. SCOPE.** This report contains information on deployment operations involving 50 or more soldiers. Special operations forces and Army intelligence forces are not addressed in the study. This exclusion is made in an attempt to keep the study and the associated data base unclassified and readily available to as many users as possible. This study uses the actual scenario followed in each employment situation, considers employments in all theaters, and uses the actual unit(s), personnel, and missions involved in each operation. Excluded from this analysis are deployments that may have occurred from Europe, Japan, or Korea in support of the mission categories.

**1-4. LIMITATIONS.** This study was limited only by the inability to locate after-action reports, documents, files, and notes concerning operations.

**1-5. TIMEFRAME.** The timeframe of the study was from January 1975 to June 1990.

**1-6. KEY ASSUMPTION.** The key assumption was that all reference material would be reasonably accurate and readily available.

**1-7. APPROACH/METHODOLOGY.** The basic approach for this study was to gather data from the Department of the Army Staff, the US Army Center for Military History, Headquarters US Army Forces Command (FORSCOM) staff and FORSCOM subordinate units, the Engineer Studies Center, Fort Belvoir, the National Guard Bureau, and other organizations holding desired information. After the data was gathered, it was loaded in a computer and analyzed.

## 1-8. ESSENTIAL ELEMENTS OF ANALYSIS (EEA)

a. EEA Number 1. What were the actual instances of Army force employment, both in the continental United States and overseas, during the period 1975 to 1990?

b. EEA Number 2. What was the mission of the force in each situation?

c. EEA Number 3. What was the composition of the force in each situation?

d. EEA Number 4. What component of the Army did each force represent?

e. EEA Number 5. What was the actual employment period in each situation?

f. EEA Number 6. How quickly were the forces required to be in place?

g. EEA Number 7. How (mode) was each unit deployed?

h. EEA Number 8. From what installation did each unit deploy?

j. EEA Number 9. What were the unique decision factors that influenced the selection of particular units?

i. EEA Number 10. What, if any, were the constraining influences in accomplishing the missions?

k. EEA Number 11. How do the various types of operations affect force structure requirements?

## 1-9. SUMMARY OF FINDINGS

a. EEA Number 1: Actual Force Employment. This study focuses on 49 instances in which 50 or more US Army soldiers were employed. Operations OCONUS required a total of 7,252,794 man-days for 22 operations while CONUS operations required a total of 2,117,448 man-days for 27 operations. It should be noted that many employments, especially OCONUS, required soldiers be rotated in and out to accomplish the mission. Joint Task Force BRAVO, for example, has been ongoing since August 1984. The existing policy has been to rotate soldiers every 120 days. Thus, there have been approximately 26 rotations to date for each unit of this task force.

### b. EEA Number 2: Mission

(1) For analysis purposes, the missions were categorized as shown in Table 1-1. The number in parenthesis indicates the number of occurrences for each category. The exact mission of each force employment is depicted in Chapter 3.

Table 1 1. Mission Categories

OCONUS	CONUS
Combat Operations (3)	Disaster Assistance (18)
Peacekeeping (1)	Support to Law Enforcement/Other Agencies (4)
Show of Force (1)	Refugee Resettlement Operations (5)
Security Augmentation (6)	
Nation Building and Operational Support (7)	
Humanitarian Assistance (4)	

(2) The 22 OCONUS operations required a total of 7,252,794 man-days. Peacekeeping operations consumed 38.8 percent; 28.3 percent was used for nation building and support; 14.2 percent for security augmentation; 11.0 percent for humanitarian assistance; 7.1 percent for combat operations; and 0.6 percent for show of force operations.

(3) The 27 CONUS operations required a total of 2,117,448 man-days. Refugee resettlement operations used 66.9 percent; 12.1 percent was required for support to law enforcement and other agencies; 21.0 percent for disaster assistance such as earthquakes, hurricanes, firefighting, airplane crashes, and oil spill cleanup.

#### c. EEA Number 3: Composition of Forces:

(1) Infantry units accounted for 44.0 percent of man-days in OCONUS operations while combat service support units, i.e., logistical support soldiers assigned to supply and service (S&S), supply and transport (S&T), corps support command (COSCOM), or division support command (DISCOM) units, used 10.9 percent; engineer units used 13.4 percent; and military police units used 12.1 percent. Other type units account for the remaining 19.6 percent. Figure 4-7 gives a detailed break down for all type units.

(2) Combat service support units accounted for 8.8 percent of man-days used in CONUS operations while 23.7 percent was used by military police units; 15.5 percent by engineer units; 11.7 percent by infantry units; and 6.9 percent by medical service units. Other type units accounted for the remaining 33.4 percent. Figure 4-11, Chapter 4, gives a detailed accounting for all type units.

(3) Of the total man-days required for both OCONUS and CONUS operations, 36.7 percent was used by infantry units; 10.4 percent for combat service support; 14.7 percent by military police; 13.9 percent by engineers; 7.3 percent by aviation; and 3.2 percent by medical service. Other type units accounted for the remaining 13.8 percent. Table 4-3 gives a detailed breakdown for all type units.

c. **EEA Number 4: Components of the Army.** All components of the Army are represented in this study; however, not all components participated in all operations (see Table 4-4, Chapter 4, for a breakdown by mission category). Approximately 89 percent of the units employed were Active Army, 6.3 percent Army National Guard, and 4.7 percent Army Reserve. Reserve Components contributed concurrently with some Active Component exercises under different operation names. For example, Reserve Components participating in the military police overseas deployment training operation, in place when Operation JUST CAUSE was executed, participated in that operation.

d. **EEA Number 5: Periods of Employment.** Force deployment periods range from a period of several days for disaster assistance operations to several years for peacekeeping operations. In general, OCONUS employments are longer than CONUS employments, the exceptions being the support to the Federal Aviation Agency - Air Traffic Control (FAA-ATC) strike and the Cuban Refugee Operation at Ft Chaffee, AR; each of these lasted for 1 year. Disaster assistance operations, while more numerous than any other category of employment, are generally the shortest in duration.

e. **EEA Number 6: Mobilization Time.** There were no comments in any of the after-action reports concerning the time it took to mobilize units for employment, nor did the reports make any statements about units not arriving at the required destination on time.

f. **EEA Number 7: Deployment Mode**

- **OCONUS Deployments**
  - All personnel deployments overseas were by air.
  - Of the equipment required to support overseas operations, 85 percent was deployed by air and 15 percent was deployed by sea.
- **CONUS Deployments**
  - Of the personnel deployed in CONUS, 72 percent was deployed by air and 28 percent by road.
  - Of the equipment required to support CONUS operations, 65 percent was deployed by air and 35 percent by road. None of the data sources used in this study made any reference to rail being used to support force employments.

g. **EEA Number 8: Supporting Installations.** Table 1-2 portrays the installations from which 59.8 percent of the soldiers were deployed in support of OCONUS operations. Of the soldiers who were employed in CONUS operations, 53.4 percent deployed from the 10 installations indicated in Table 1-3. Table 4-5 provides the total number of soldiers deployed from all installations.

**Table 1-2. Top 10 OCONUS Deploying Installations**

Fort Bragg, NC	Fort Lewis, WA
Fort Campbell, KY	Fort Monmouth, NJ
Hawaii	Fort Ord, CA
Fort Hood, TX	Fort Polk, LA
Fort Huachuca, AZ	Fort Stewart, SC

**Table 1-3. Top 10 CONUS Deploying Installations**

Fort Benning, GA	Fort Lewis, WA
Fort Carson, CO	Fort Meade, MD
Fort Hood, TX	Fort Ord, CA
Fort Knox, KY	Fort Riley, KS
Fort Leonard Wood, MO	Fort Sill, OK

h. **EEA Number 9: Decision Factors.** After-action reports did not reveal considerations for selecting specific units for a particular mission. It can be inferred, however, that some key consideration were:

- Timing of the specific event and the availability of expertise to meet the requirement
- Proximity of the event to the skills required
- Mobilization requirement

i. **EEA Number 10: Constraining Influences.** None of the data sources used in this study made any inferences to constraining influences that may have affected the 49 operations.

j. **EEA Number 11: Affect on Force Structure Requirements.** No information was available to determine the impact on force structure requirements. It may be inferred, however, that if a unit is deployed in support of one operation, that unit is not available to support another operation occurring concurrently. If the deployed unit possesses some unique skill, i.e., medical, ranger, engineer, etc, then a tradeoff analysis or risk assessment between operational requirement must be done to ascertain the availability of the unit in question.



**k. Observations**

(1) There was no consistent method evident for writing after-action reports. Some reports contained all the information necessary for developing the required data base, while others were of little value. Examples: (1) many reports did not include a trooplist or task organization. This omission required additional research to determine what units participated and in what strength; (2) some reports included only the total number of personnel who participated with no breakdown of actual unit. Again, additional research was necessary. Distribution of after-action reports was also inconsistent. In some cases, a copy was provided to the US Army Center for Military History, while in other cases it was not.

(2) Poor accountability of personnel participating in various operations was a consistent problem. Additionally, numerous operational problems relating to personnel accountability, especially in subsistence management and transportation, were documented in after-action reports.

## CHAPTER 2

### ARMY FORCE EMPLOYMENTS - 1975 TO 1990

**2-1. INTRODUCTION.** This chapter addresses EEA numbers 1 and 5; specifically, (1) the actual instances of Army force employment both in the continental United States and overseas during the period 1975 to 1990 and (5) the actual employment period in each situation.

**2-2. SUMMARY.** As illustrated in Tables 2-1 and 2-2, employment periods range from several days for disaster assistance operations to several years for peacekeeping operations. In general, OCONUS deployment periods are longer than CONUS deployments. The exceptions are CONUS deployments to support the FAA-ATC strike and the Cuban Refugee Operation at Ft Chaffee, AR; each of these lasted for approximately 1 year. Tables 2-1 and 2-2 also illustrate that OCONUS deployments tend to be longer than CONUS operations.

Table 2-1. Employments OCONUS

Name of operation	Period
<b>Combat Operations</b>	
Target Acquisition Battery - Lebanon	13 Aug 83 - 15 Dec 83
URGENT FURY - Grenada	24 Oct 83 - 03 Nov 83
JUST CAUSE - Panama	20 Dec 89 - 31 Jan 90
<b>Peacekeeping</b>	
Multinational Force & Observers (MFO) - Sinai	Mar 82 - Present <sup>a</sup>
<b>Show of Force</b>	
GOLDEN PHEASANT - Honduras	17 Mar 88 - 28 Mar 88
<b>Security Augmentation</b>	
Military Police ODT - Philippines	07 Dec 86 - 12 Dec 89
Military Police ODT - Panama	31 Jan 87 - 21 Dec 89
Task Force Hawk - Panama	18 Mar 88 - 20 Dec 89
Military Police & Log Asst - Panama	18 Mar 88 - 10 Aug 88
Military Police Asst (MP bn) - Panama	08 Aug 88 - 20 Dec 89
NIMROD DANCER (inf bn) - Panama	12 May 89 - 20 Dec 89
<b>Nation Building and Operational Support</b>	
Joint Task Force BRAVO - Honduras	Aug 84 - Present <sup>a</sup>
CABANAS 85 - Honduras	03 Jun 85 - 31 Aug 85
BLAZING TRAILS - Ecuador	16 Oct 86 - 30 Nov 87
BLAZING TRAILS - Honduras	12 Dec 86 - 31 Aug 88
Nation Building & Support (worldwide)	1986 - 1990
FUERTES CAMINOS, North - Honduras	Oct 88 - Sep 89
FUERTES CAMINOS, South - Honduras	Nov 88 - Sep 89
<b>Humanitarian Assistance</b>	
Indochinese Resettlement - Guam	22 Apr 75 - 01 Nov 75
Eniwetok Cleanup - Eniwetok	15 Nov 77 - 31 Dec 80
Incident in Guyana - Guyana	18 Nov 78 - 03 Dec 78
Task Force CROSBY - Gander, Newfoundland	12 Dec 85 - 12 Jan 86

<sup>a</sup>Although these operations continue at the present time, the data that was used to compute man-day expenditures was cut off June 1990.

Table 2-2. Employments in CONUS

Name of operation	Period
<b>Disaster Assistance</b>	
Snow Removal - Buffalo, NY	04 Feb 77 - 14 Feb 77
Flood Control - Rio del Mar, CA	09 Jan 78 - 12 Jan 78
Snow Removal - Toledo, OH	28 Jan 78 - 06 Feb 78
Snow Removal - Boston, MA	08 Feb 78 - 18 Feb 78
Snow Removal - Hartford, CT	08 Feb 78 - 18 Feb 78
Snow Removal - Providence, RI	08 Feb 78 - 18 Feb 78
Tornado Cleanup - Hopkinville, KY	13 May 78 - 17 May 78
Volcanic Eruption - Mt St Helens, WA	22 May 80 - 17 Jun 80
Air Florida Crash - Wash, DC	13 Jan 82 - 27 Jan 82
Mid-Atlantic States Flooding	04 Nov 85 - 18 Nov 85
Hurricane Hugo - South Carolina	22 Sep 89 - 16 Oct 89
Earthquake - California	17 Oct 89 - 15 Nov 89
Ft Wainwright Forest Fires	20 May 80 - 02 Jun 80
Oregon National Forest Fires	05 Sep 87 - 15 Sep 87
Yellowstone National Park Forest Fires	18 Aug 88 - 23 Sep 88
Oregon and Idaho Forest Fires	02 Aug 89 - 18 Aug 89
Oregon and Idaho Forest Fires	06 Aug 89 - 16 Aug 89
Alaska Oil Spill Cleanup - Alaska	17 Oct 89 - 15 Nov 89
<b>Support to Law Enforcement/Other Agencies</b>	
Support to FAA - ATC Strike	Aug 81 - Oct 82
Seneca Demonstrations - Seneca, NY	04 Jul 83 - 24 Oct 83
Prison Disturbance - Oakdale & Atlanta	24 Nov 87 - 15 Dec 87
HAWKEYE - US Virgin Isles	21 Sep 89 - 30 Oct 89
<b>Refugee Resettlement Operations</b>	
Indochinese Resettlement - Ft Chaffee, AR	28 Apr 75 - 30 Dec 75
Indochinese Resettlement - Ft Indiantown Gap, PA	22 May 75 - 15 Dec 75
Cuban Resettlement - Ft Chaffee, AK	07 May 80 - 30 May 81
Cuban Resettlement - Ft Indiantown Gap, PA	13 May 80 - 30 Sep 80
Cuban Resettlement - Ft McCoy, WI	18 May 80 - 30 Sep 80

## CHAPTER 3

## FORCE EMPLOYMENT STUDY SUMMARIES

3-1. **INTRODUCTION.** This chapter addresses EEAs 2, 4, 7, and 10; specifically, (2) the mission of the force in each situation, (4) component(s) of the Army each force represent (7) mode each unit deployed, and (10) the constraining influences, if any, in accomplishing the mission.

3-2. **METHODOLOGY.** Information contained in this chapter was obtained from after-action reports, file notes, historical summaries, and messages located in the Headquarters, Department of the Army Staff, Headquarters, US Forces Command (FORSCOM) staffs and FORSCOM subordinate installations and units, the US Army Center for Military History, the National Guard Bureau, and the Engineer Studies Center, Fort Belvoir, VA.

3-3. **SUMMARY OF OPERATIONS**

a. The following paragraphs describe the nature of each of the 49 operations covered in this report. Operations are divided into CONUS and OCONUS and further subdivided into the respective analysis categories. For each operation, the following information is provided: name of the operation, the dates of the employment period, the mission, the force composition (i.e., the predominant type of unit involved in the operation), the component of the forces involved in the operation (Active Army, Army National Guard (NG), or Army Reserve (AR)), the man-day expenditure for the operation (number of soldiers involved in the operation multiplied by the number of days each soldier was involved in the operation), and a summary of the operation. For operations involving more than one type of unit, a graphical representation of man-day expenditures is presented.

(1) Where appropriate, the graphical representation is divided by component.

(2) Combat service support (CSS)-type units denote logistical support units. These include S&S, S&T, forward support battalions or brigades, DISCOM units, or COSCOM units. A complete description of all units involved for a specific operation can be found in Appendices D and E.

(3) Some graphs have a category entitled "Others." This category is used to conserve space and includes units whose percentage contribution is one percent or less. The type units included in the "Others" category and the respective percentage contribution for each are shown in a box accompanying each graph.

b. The following are the OCONUS operations which could be documented.

**(1) Combat Operations**

● **Name of operation:** ARMY TARGET ACQUISITION BATTERY TO LEBANON

**Employment period:** 13 Aug 83 - 15 Dec 83

**Mission:** To conduct counterbattery target acquisition to locate the source of hostile artillery and mortar firing positions in support of the US element to the Multinational Force (MNF).

**Force composition:** Field Artillery Target Acquisition Battery

**Component:** Active Army

**Man-day expenditure:** 33 soldiers; 4,092 man-days

**Mode of deployment:** Personnel and equipment were by air

**Summary:** In late July 1983, the US Marine Corps unit in the Multinational Peacekeeping Force located at Beirut International Airport was subjected to mortar and rocket attacks. The Department of the Army directed the US Army Training and Doctrine Command (TRADOC) to form a provisional counterbattery radar unit and deploy it to Lebanon. The initial Field Artillery School Target Acquisition Battery (FASTAB) was deployed to Lebanon on a 179-day temporary duty basis. Subsequent rotations would be personnel only, as equipment would remain in place. Due to the deteriorating military situation in Lebanon, there were no subsequent rotations.

● **Name of operation:** URGENT FURY

**Employment period:** 24 Oct 83 - 3 Nov 83

**Mission:** To protect and evacuate American and designated foreign nationals; to neutralize Grenadian forces; to stabilize the internal situation in Grenada and maintain peace; and, in conjunction with Organization of Eastern Caribbean States (OECS) friendly governments' participants, assist in the restoration of democratic government in Grenada.

**Force composition:** Airborne Division and Ranger Battalions (see Figure 3-1)

**Component:** Active Army

**Man-day expenditure:** 6,816 soldiers; 68,160 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** On 25 October 1983, the United States, in concert with the OECS, initiated Operation URGENT FURY in Grenada. The principal Army combat elements were the 82d Airborne Division and the 1st and 2d Ranger Battalion, 75th Infantry. On 2 November 1983, hostilities were declared officially ended with the successful accomplishment of the mission, and the combat units began redeployment to the continental United States. However, there was still a requirement for Army personnel to remain in Grenada as a part of the United States Military Support Element (USMILSUPE), Grenada. The USMILSUPE provided civil affairs and psychological operations support, aviation support, medical clearing facility, military police, limited intelligence, communications, and liaison to the Caribbean Peacekeeping Force and the local government. Though the Government of Grenada requested that United States forces remain, the last element of the peacekeeping force departed on 11 June 1985.

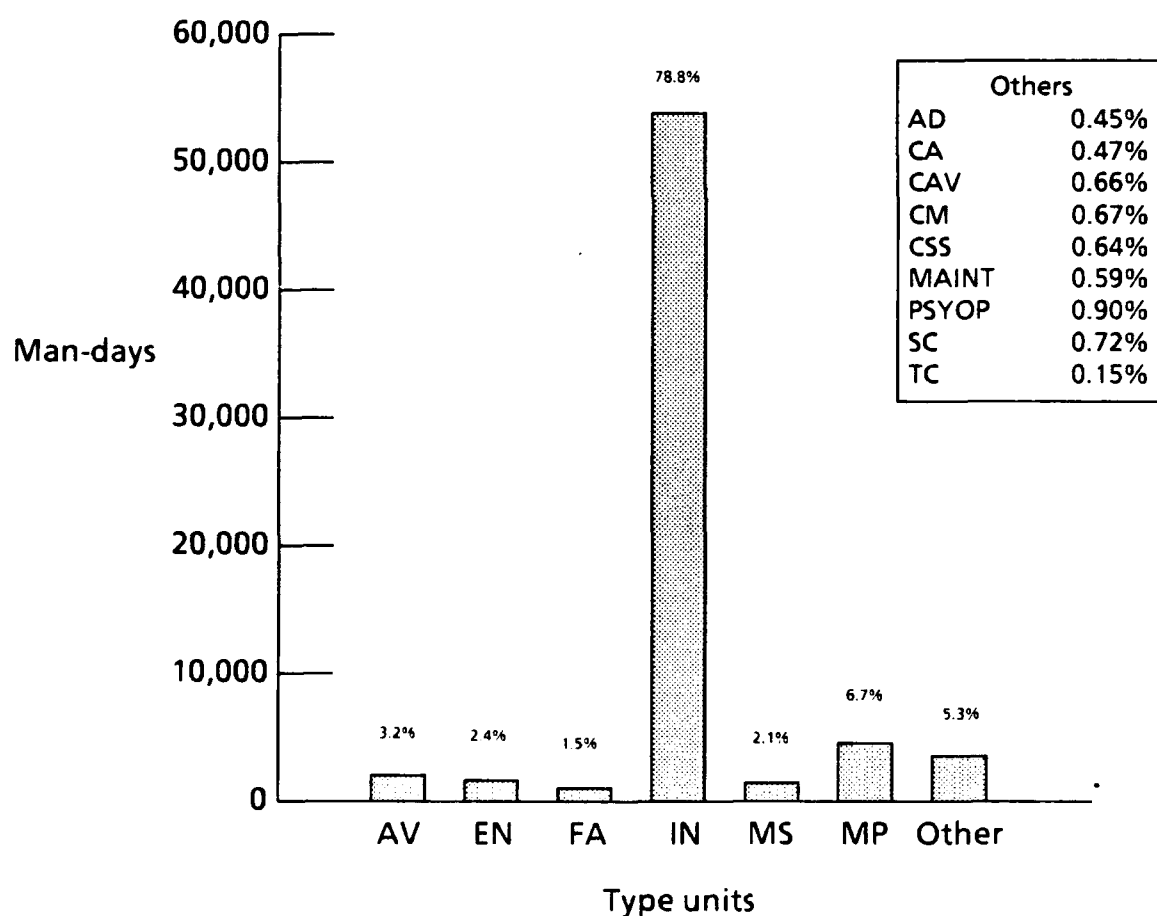


Figure 3-1. URGENT FURY

• **Name of operation:** JUST CAUSE - PANAMA

**Employment period:** 20 Dec 89 - 31 Jan 90

**Mission:** To protect US Citizens, support democratic institutions in Panama, ensure the safe operation of the Panama Canal, and bring Noriega to justice.

**Force composition:** Airborne and infantry divisions augmented by corps assets (Figure 3-2)

**Component:** Active Army (Reserve Components' contributions as a result of concurrent operations noted separately)

**Man-day expenditure:** 10,566 soldiers; 443,772 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** In February 1988, General Manuel Noriega was indicted on drug trafficking charges by a Federal Grand Jury in Florida. Following the indictment, a campaign of harassment against US military personnel and their families stationed in the Canal Zone was launched. By September 1989, the Department of Defense had documented over 1,000 incidents of harassment. Among them were the following: (1) in the month of February 1988, the Panamanian Defense Forces had made 42 detentions without charge, (2) there were 36 incidents denying freedom of movement, and 17 violations of treaty documents or other protocols between the two countries.

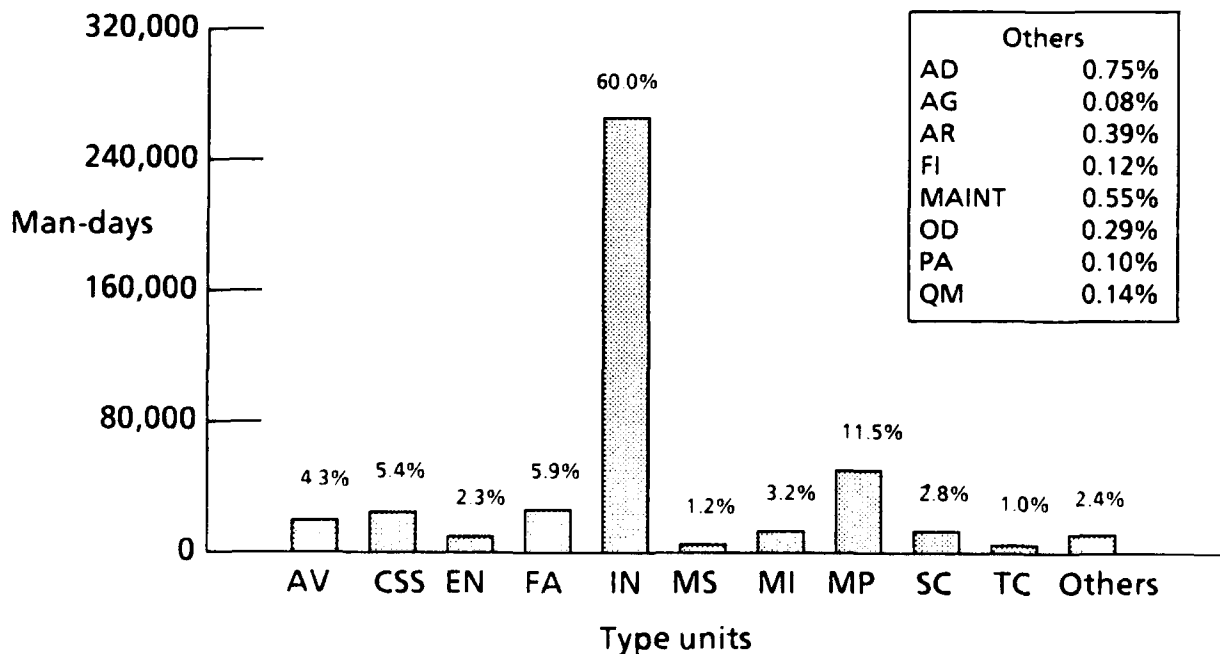


Figure 3-2. JUST CAUSE



## (2) Peacekeeping Operations

- **Name of operation:** MULTINATIONAL FORCE AND OBSERVERS (MFO)

**Employment period:** 20 Mar 82 - present (data cutoff for this operation was Mar 90)

**Mission:** To separate Egyptian and Israeli forces in the Sinai Peninsula

**Force composition:** Light Infantry Battalion augmented by a logistical support element (Figure 3-3)

**Component:** Active Army

**Man-day expenditure:** 15,991 soldiers; 2,812,589 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** Public Law 97-132, the Multinational Force and Observers Resolution, authorized the deployment of military personnel and equipment to participate in the Multinational Force and Observers in the Sinai. The first forces, deployed on 20 March 1982, consisted of a light Infantry battalion task force from the 1st Battalion, 505th Infantry, 82d Airborne Division, Fort Bragg, NC, and a logistical support unit from the XVIII Airborne Corps, Fort Bragg, NC. Subsequent forces, set at 549 personnel, have served on a 179-day temporary duty rotation. From 1982 to 1986, the logistical support element (LSE) was provided from FORSCOM assets. A table of distribution and allowances (TDA) was established in April 1986 authorizing an LSE of 465 personnel. The number of soldiers in the rotating battalions was set at 549.

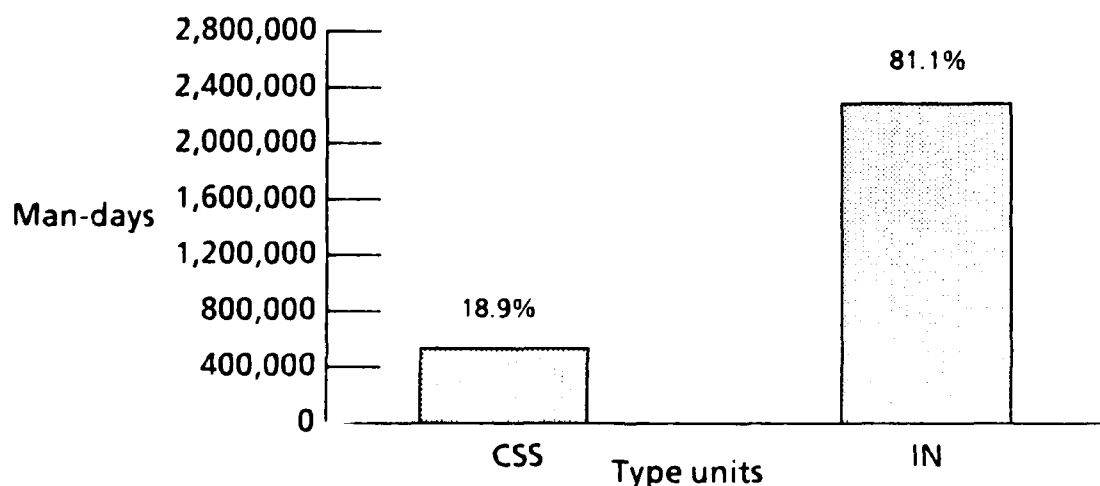


Figure 3-3. Multinational Force and Observers

**(3) Show of Force**

● **Name of operation:** GOLDEN PHEASANT

**Employment period:** 17 Mar 88-31 Mar 88

**Mission:** To conduct an emergency deployment readiness exercise (EDRE) in Honduras to measure combat readiness, exercise interoperability of forces, and conduct in-country training.

**Force composition:** Light Infantry Brigade Task Force (Figure 3-4)

**Component:** Active Army

**Man-day expenditure:** 3,169 soldiers; 44,366 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** In response to a request from the government of Honduras, the US deployed a brigade task force to that country. Nicaragua had reportedly crossed the Honduran border in an attack against the Contra democratic resistance fighters in the San Andres de Bocay salient. The task force consisted of units from Fort Bragg, NC, and Fort Ord, CA, and Joint Task Force BRAVO in Honduras.

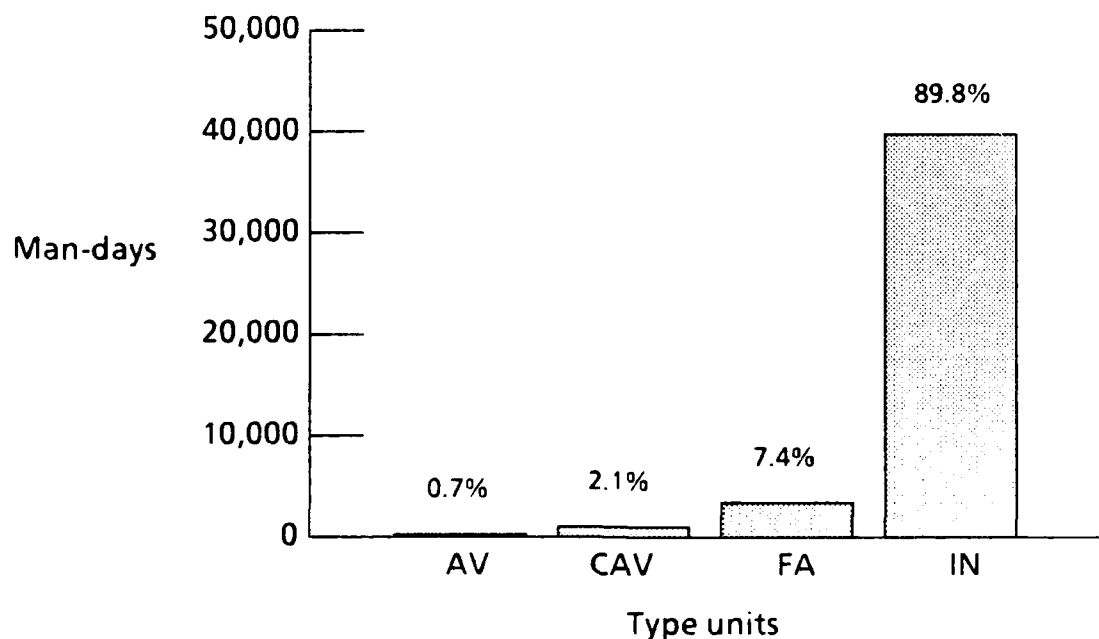


Figure 3-4. GOLDEN PHEASANT

**(4) Security Augmentation**

- **Name of operation:** MILITARY POLICE OVERSEAS DEPLOYMENT TRAINING (ODT) - PHILIPPINES

**Employment period:** 7 Dec 86 - 12 Dec 89 (AR and NG units typically deployed for 15-16 days; some NG units up 21 days.)

**Mission:** To perform annual training and provide security augmentation during various operations.

**Force composition:** Military Police battalions and brigades augmented by support elements (Figure 3-5)

**Component:** Army National Guard and Army Reserve

**Man-day expenditure:** AR-1,109 personnel, 18,539 man-days; NG-1,328 personnel, 25,828 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** As a part of the unit's annual training, selected military police units were sent to the Philippines to perform security augmentation missions. This included providing security to ammunition storage facilities and ammunition movement operations.

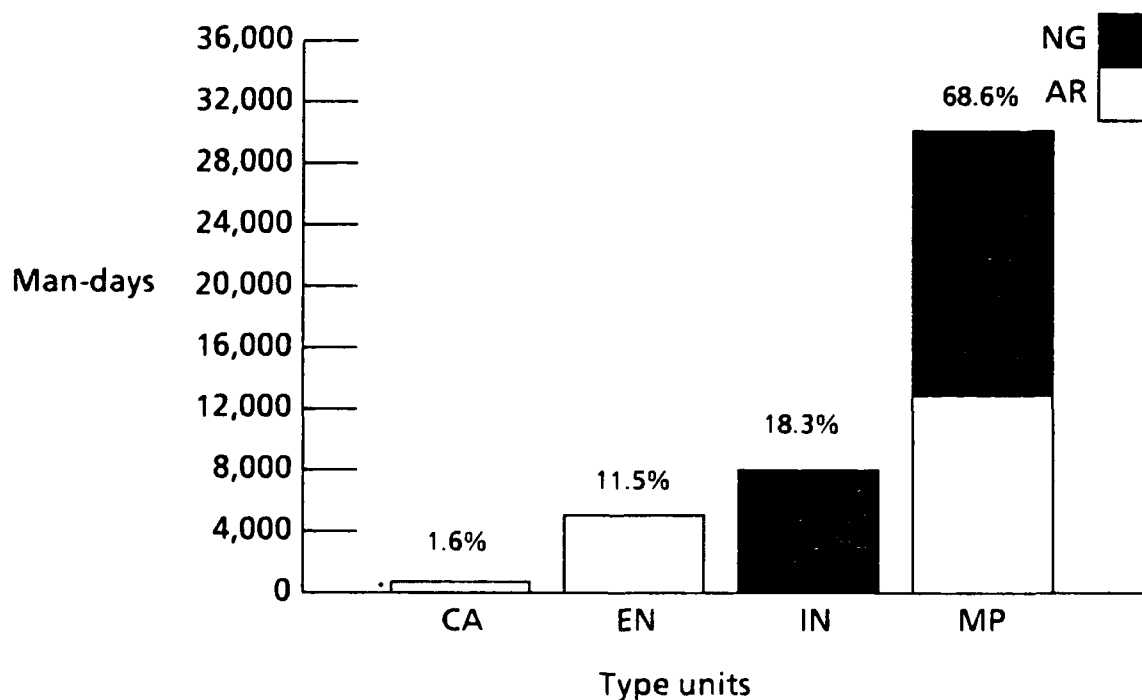


Figure 3-5. MP ODT - Philippines

- **Name of operation:** MILITARY POLICE OVERSEAS DEPLOYMENT TRAINING (ODT) - PANAMA

**Employment period:** 31 Jan 87 - 20 Dec 89 (AR and NG units were typically deployed for 14-15 days. Some NG units were deployed for as long as 21 days.)

**Mission:** To perform annual training and augment military police forces in Panama.

**Force composition:** Military police battalions and brigades augmented by infantry and logistical support elements (Figure 3-6)

**Component:** Army National Guard and Army Reserve

**Man-day expenditure:** AR-958 personnel, 16,433 man-days; NG-3,396 personnel 52,775 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** Under the ODT Program, Army National Guard and Army Reserve military police units deployed to Panama to conduct training necessary to maintain and enhance operational readiness and to provide augmentation to military police units already in Panama. These units were in place when Operation JUST CAUSE was executed and participated in the operation.

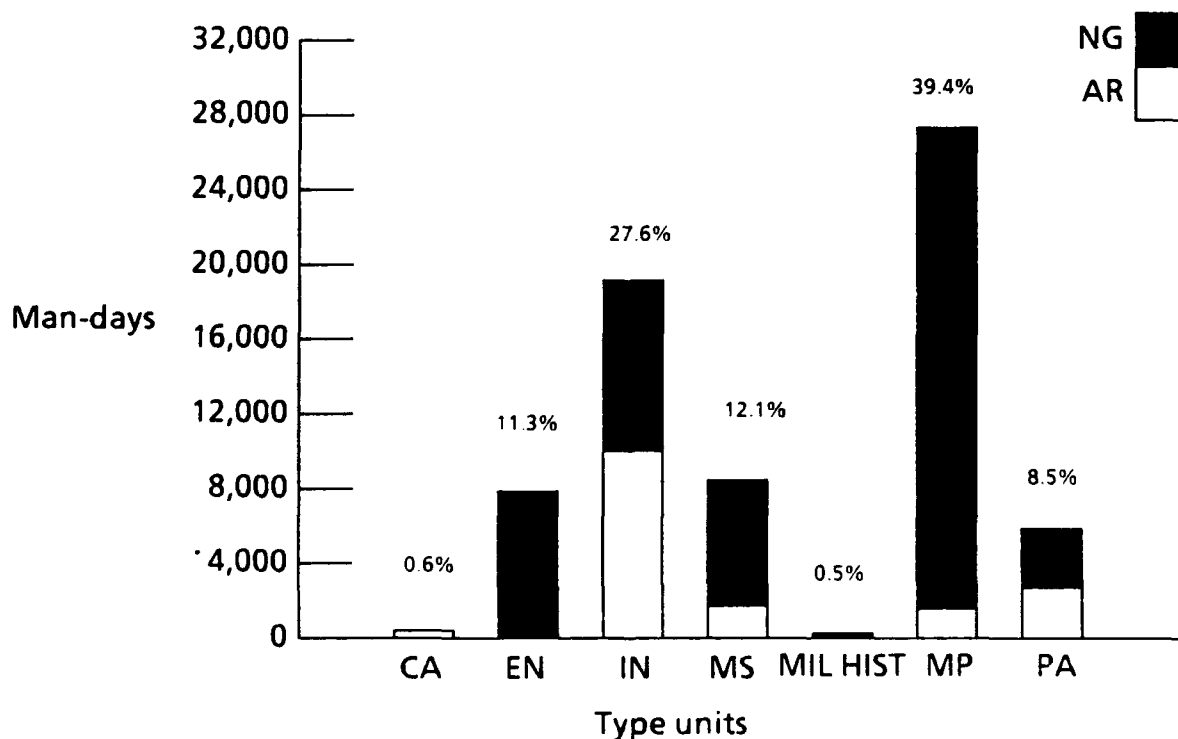


Figure 3-6. MP ODT - Panama

● **Name of operation:** TASK FORCE HAWK (PANAMA)

**Employment period:** 18 Mar 88 - 20 Dec 89

**Mission:** To augment aviation assets in Panama

**Force composition:** Aviation battalion task force

**Component:** Active Army

**Man-day expenditure:** 1,200 soldiers; 128,400 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** Task Force HAWK, an aviation task force, was sent to Panama in response to a request from United States Army South (USARSO) to enhance aviation across the board. FORSCOM tasked the 7th infantry Division, Fort Ord, CA, to provide the task force. It consisted of 15 UH-60s, 7 AH-1Ss, and 5 OH-58Cs. The 7th Division rotated personnel every 90 days, with equipment remaining in Panama. Task Force HAWK remained in country and participated in Operation JUST CAUSE.

● **Name of operation:** MILITARY POLICE AND LOGISTICAL ASSISTANCE - PANAMA

**Employment period:** 18 Mar 88 - 10 Aug 88

**Mission:** To provide security enhancement by protecting US citizens, defense sites, and military areas of coordination; to conduct joint training and operational exercises, and to employ forces in contingency operations.

**Force composition:** Military police brigades augmented by support units (Figure 3-7)

**Component:** Active Army

**Man-day expenditure:** 1,131 soldiers; 163,995 man-days

**Mode of deployment:** Personnel by air; equipment by air

**Summary:** On 4 Feb 88, General Manuel A. Noriega, commander of the approximately 13,000-strong Panamanian Defense Force (PDF) and dictator of Panama, was arraigned by a Federal Grand Jury in the United States on drug trafficking charges. Promptly after the indictment, the PDF started a low-level harassment campaign directed at US citizens and military personnel. On 25 February, Panamanian President Del Valle announced that he was replacing Noriega as commander of the PDF. Del Valle's replacement for Noriega announced that he was not going to support Del Valle. The National Assembly met late on 25 Feb and replaced Del Valle with a Noriega-supported president, Solis-Palma. On 16 March, there was a coup at the PDF headquarters. The coup failed, and Noriega conducted a major shakeup in the ranks of the PDF. Anti-American sentiment began to be fueled by Noriega supporters. The 16th Military Police Brigade (Airborne), Fort Bragg, NC, along with other military police and support units, were deployed to Panama.

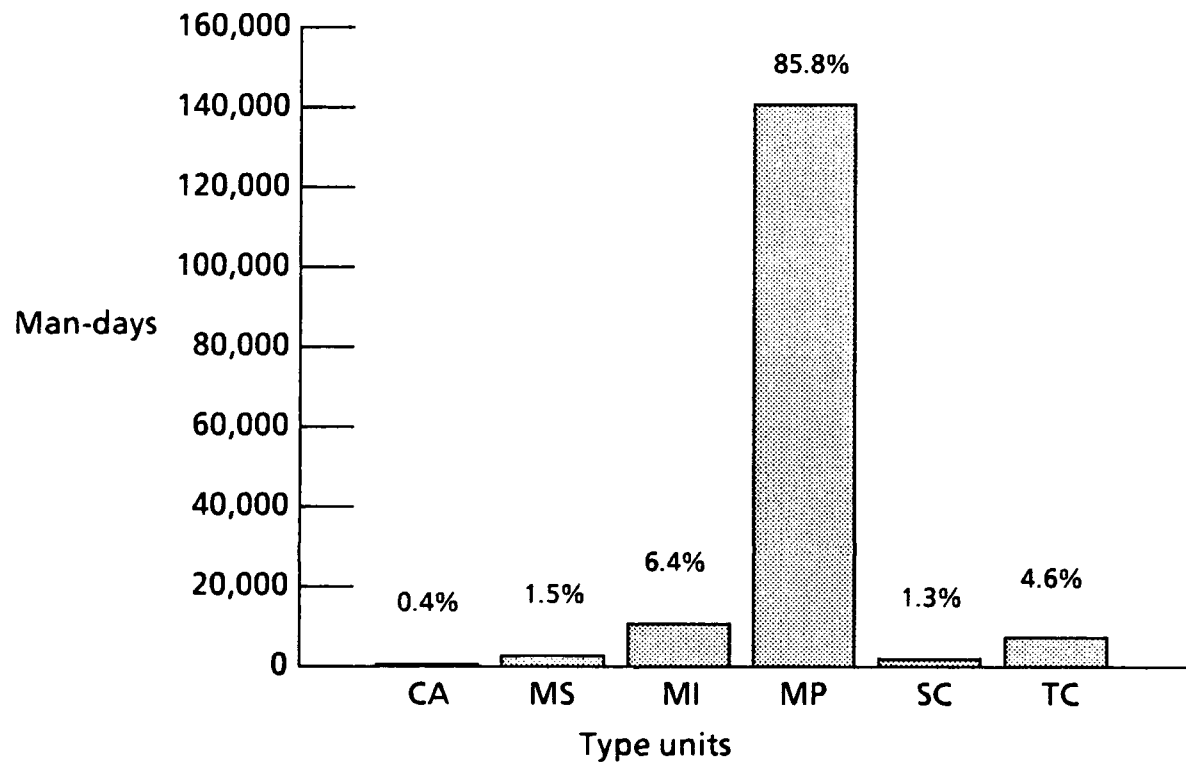


Figure 3-7. MP and Logistics Assistance - Panama

● **Name of operation:** MILITARY POLICE ASSISTANCE - PANAMA

**Employment period:** 8 Aug 88 - 20 Dec 89

**Mission:** To provide security enhancement by protecting US citizens, defense sites, and military areas of coordination; to conduct joint training and operational exercises, and employ forces in contingency operations.

**Force composition:** Military police units

**Component:** Active Army

**Man-day expenditure:** 3,199 soldiers; 279,081 man-days

**Mode of deployment:** Personnel by air; equipment by air.

**Summary:** Headquarters, 89th Military Police, Fort Hood, TX, deployed to the Republic of Panama on 8 Aug 88 as the command and control headquarters of the Military Police Security Augmentation Force, Joint Task Force - Panama. The task force consisted of military police units from five installations. When the 89th MP Bde redeployed on 21 Sep, the size of the military police augmentation force was reduced to a battalion-size force, with military police units from throughout FORSCOM rotating to Panama for a given period, normally approximately 120 days. This concept was in effect when Operation JUST CAUSE was executed. Units which were in place on 20 Dec 89 participated in the operation.

● **Name of operation:** NIMROD DANCER (PANAMA)

**Employment period:** 12 May 89 - 20 Dec 89

**Mission:** To defend the integrity and security of US defense facilities, protect US military and Department of Defense (DOD) civilian population, and be prepared to employ forces to assist in offpost personnel drawdown of US civilians and in the assertion of US treaty rights.

**Force composition:** Mechanized infantry regiment

**Component:** Active Army

**Man-day expenditure:** 1,547 soldiers; 343,434 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** Forces deployed to participate in Operation NIMROD DANCER remained in Panama and participated in Operation JUST CAUSE. Other information on this operation is still classified.

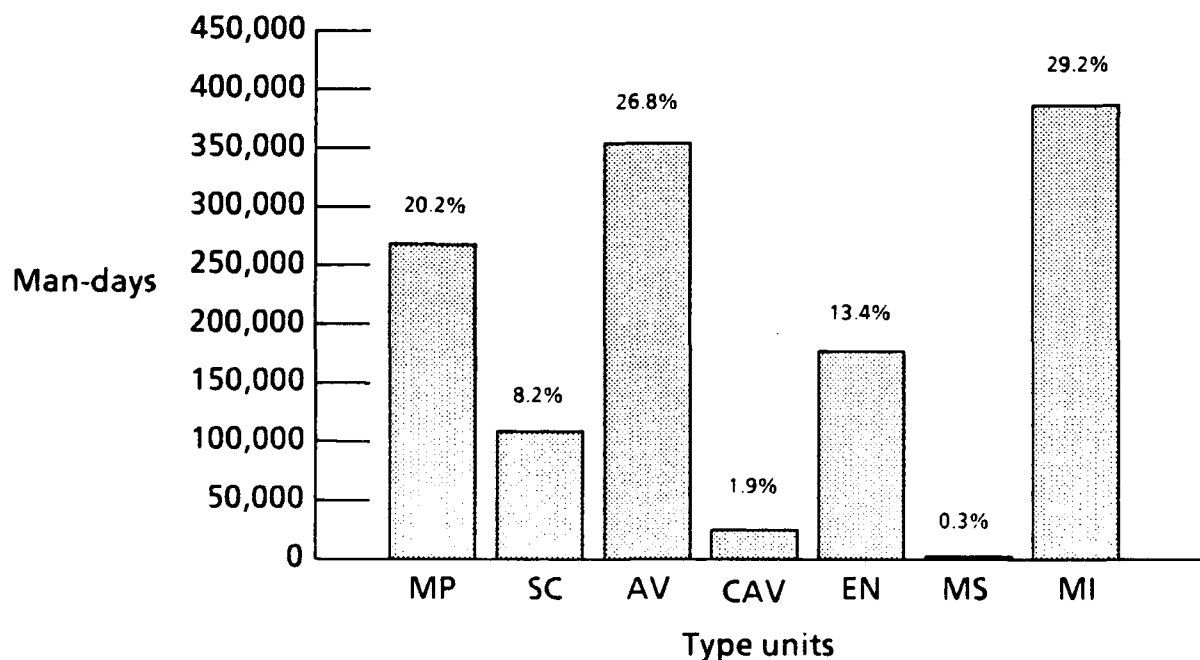


**(5) Nation Building and Operational Support**● **Name of operation:** JOINT TASK FORCE - BRAVO**Employment period:** 8 Aug 84 - present (data to Jun 90)

**Mission:** To provide a continuing US force presence; provide/coordinate security of US forces in Honduras; provide communication, aviation, medical, and selected administrative/logistical support to US forces in Honduras; and provide aviation support to the United States Defense Attache Office (USDAO) and Commander, United States Military Assistance Group, Honduras.

**Force composition:** Battalion task forces (Figure 3-8)**Component:** Active Army**Man-day expenditure:** 11,168 soldiers; 1,323,323 man-days**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** Joint Task Force BRAVO was established on 8 Aug 84 and headquartered at Palmerola Air Base, the home of the Honduran Air Force Academy. As early as 1965, the US Armed Forces and the Honduran military were conducting, on an infrequent basis, combined training exercises. In 1983, the number of exercises increased significantly. JTF-BRAVO was established as a TDA unit in 1987; however, it is augmented by units from CONUS. These are military police, aviation, military intelligence, signal, and medical units which rotate to Honduras for periods of 120 days. JTF-BRAVO is presently located at Soto Cano Air Base.

**Figure 3-8. Task Force BRAVO**

• **Name of operation:** CABANAS 85 (HONDURAS)

**Employment period:** 23 Apr 85 - 31 Aug 85

**Mission:** To deploy to Honduras and construct 27 kilometers of new, single-lane road built to military standards and capable of supporting 2 1/2-ton truck traffic. Also, participate in medical readiness training exercises (MEDRTE) as directed by the medical staff of JTF-BRAVO and undertake other projects of opportunity to promote good will as time and materials permit.

**Force composition:** Combat heavy engineer units augmented by logistical support elements (Figure 3-9)

**Component:** Active Army

**Man-day expenditure:** 824 soldiers; 73,336 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** The 36th Engineer Group (Combat) was tasked in April 1985 to provide a headquarters element and a combat heavy engineer battalion to participate in Exercise CABANAS 85, a Joint Chiefs of Staff (JCS) exercise that was to start in June and end in September 1985. This was Task Force 36, commanded by the commander, 36th Engineer Group (Combat), Fort Benning, GA.

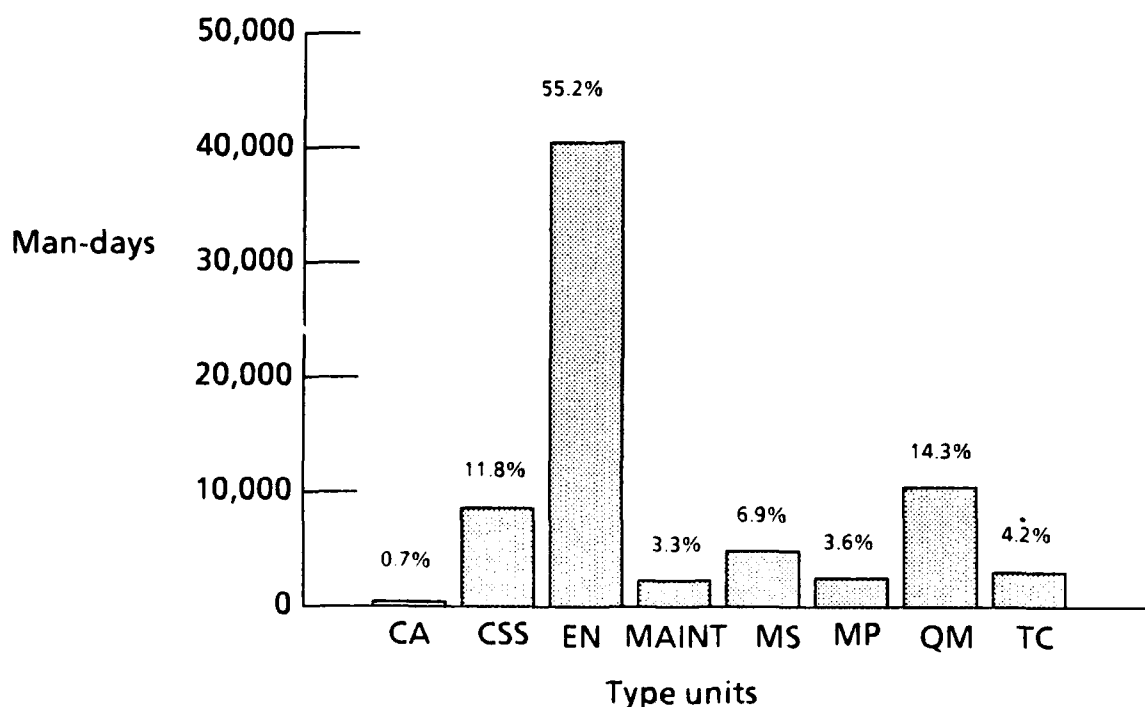


Figure 3-9. CABANAS 85 (HONDURAS)

● **Name of operation:** BLAZING TRAILS 87 - ECUADOR

**Employment period:** 16 May 86 - 30 Nov 87. RC units remained on site for a period of 2 weeks to 1 month.

**Mission:** Upgrade 10 km of road from Archidona to the west side of the Rio Hollin; erect a Bailey Bridge across the Rio Hollin (if provided by the government of Ecuador); construct as much road as possible East of the Rio Hollin; and perform humanitarian assistance and civic action projects.

**Force composition:** Engineer, logistical, aviation, signal, medical, and security elements (Figure 3-10)

**Component:** Active Army, Army National Guard, and Army Reserve (specific units and personnel by component are not available because of the classification of the data)

**Man-day expenditure:** 6,494 soldiers; 160,131 man-days

**Mode of deployment:** Personnel by air; equipment by sea

**Summary:**

a. BLAZING TRAILS 87 was a JCS-directed, United States Southern Command (USSOUTHCOM)-sponsored, operation/field training exercise (FTX) conducted in Ecuador. A combined task force consisting of engineer, logistical, aviation, signal, medical, and security personnel from US Army, ARNG, and USAR were involved. BLAZING TRAILS 87 was originally scheduled from May to October 1987 with a mission to upgrade and pave 19 kilometers of flat, coastal road in Manabi Province during the dry season. On 5 Mar 87, however, an earthquake measuring 6.5 on the Richter Scale struck in the remote, eastern jungles, destroying the only road and oil pipeline into the area.

b. As the earthquake struck, the task force equipment was marshaled at the port of Mobile and was scheduled to sail on 30 Mar. Little time was left for detailed on-site coordination with the US Country Team and the Government of Ecuador regarding a change in the mission of the task force. It soon became apparent that in light of the cost of reconstructing the pipeline, coupled with the loss of foreign income, the government of Ecuador lacked the resources and political flexibility to continue with the originally scheduled exercise in Manabi. Rather than cancel the exercise, CINCSOUTH, on request of Department of State and with JCS approval, directed USARSO to shift the engineer exercise east of the Andes in the Napo Province. The shift in project siting left the task force with immense logistic and planning challenges. The original site in Manabi Province was a mere 4-hour convoy from the port at Manta. Now the project site was

approximately 500 kilometers to the east on a route that crossed the Andes twice; and a convoy time was now 3 days. Eventually, 476 major end items of equipment were moved over the Andes without notable accident.

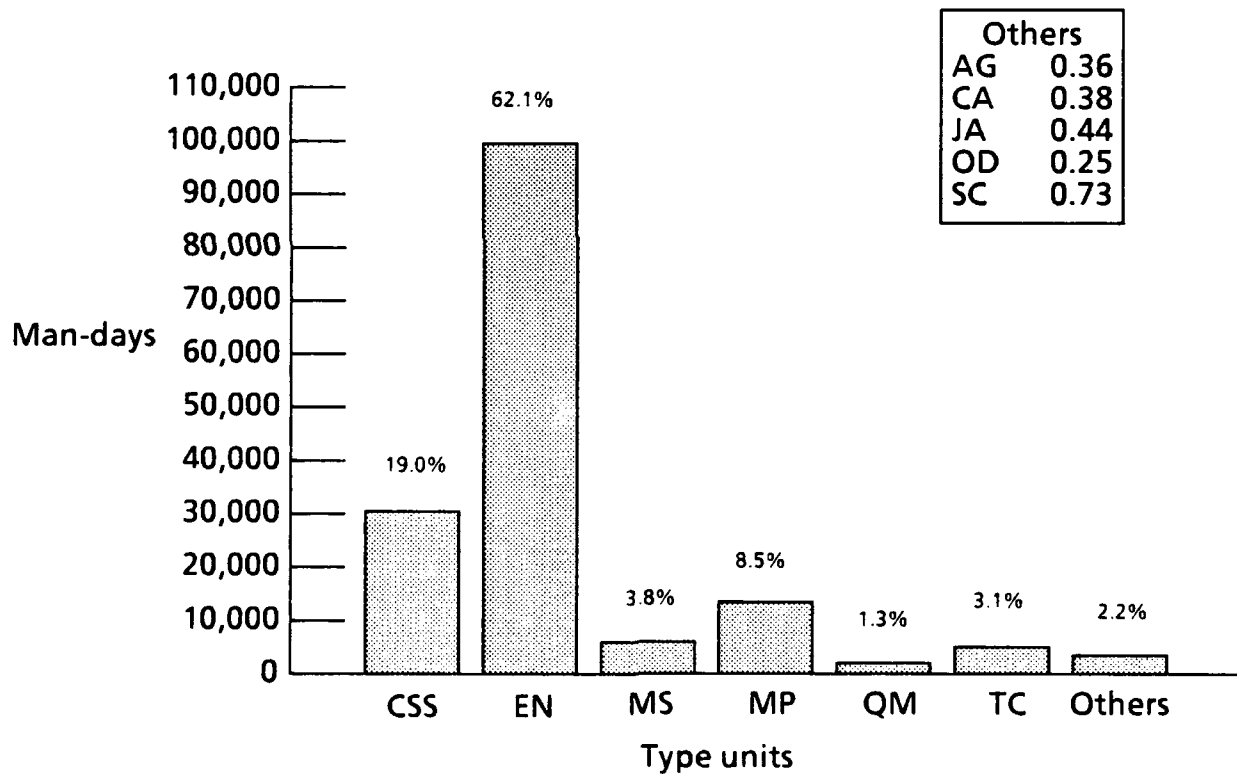


Figure 3-10. BLAZING TRAILS - Ecuador

• **Name of operation:** BLAZING TRAILS - HONDURAS

**Employment:** 12 Dec 86 - 31 Aug 88

**Mission:** To construct and upgrade roads in Honduras and provide humanitarian assistance when possible.

**Force composition:** Engineer units augmented by logistical and security support (Figure 3-11)

**Component:** Army National Guard and Army Reserve (specific units and personnel by component are not available because of the classification of the data)

**Man-day expenditure:** 12,568 soldiers; 270,630 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:** The BLAZING TRAILS operations were a series of operations conducted in Honduras, starting in 1986, to upgrade and construct roads. A task force consisting of engineers, logistical, aviation, signal, medical, and military police personnel from the Army National Guard and Army Reserve deployed to Honduras, normally for a 2-week period. The first operation, conducted by Task Force 135, Missouri Army National Guard, deployed to Honduras in 1986. This process continued with other units through 1988. Overall supervision of the road upgrade and construction projects was provided by Joint Task Force BRAVO.

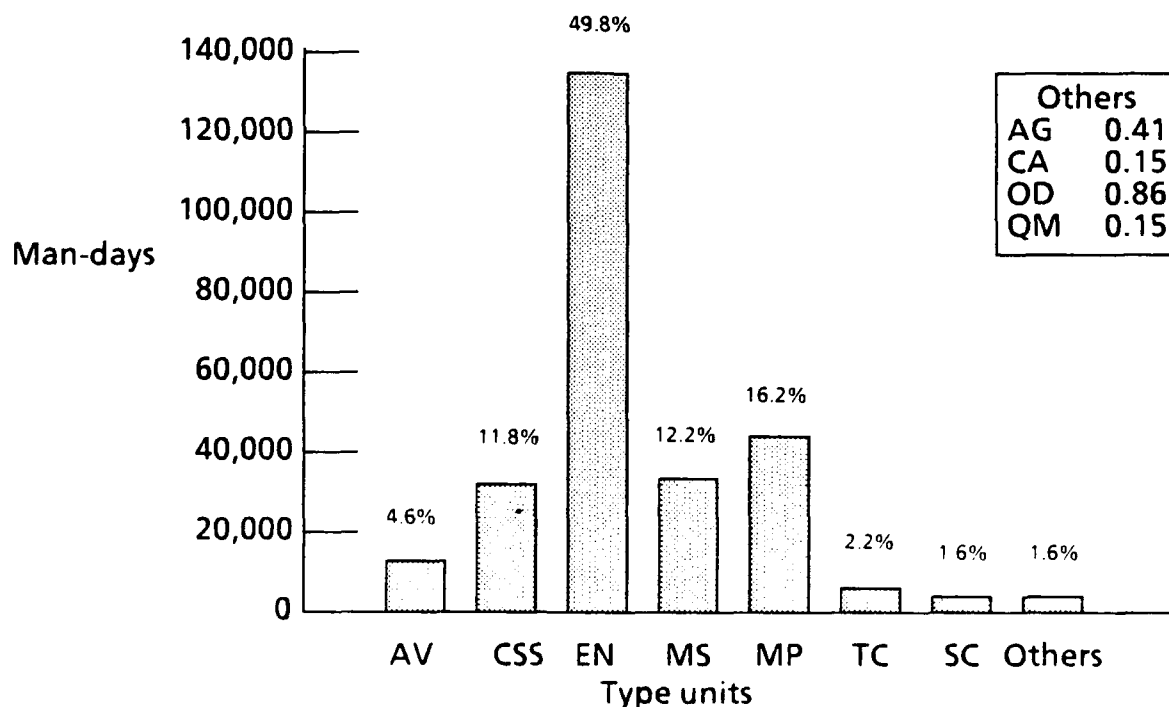


Figure 3-11. BLAZING TRAILS - Honduras

- **Name of operation:** NATION BUILDING AND OPERATIONAL SUPPORT - WORLDWIDE

**Employment period:** 1986 - 1990 (AR units were deployed for 14-17 days; NG units for 15-18 days)

**Mission:** To provide nation building and operational support to friendly governments.

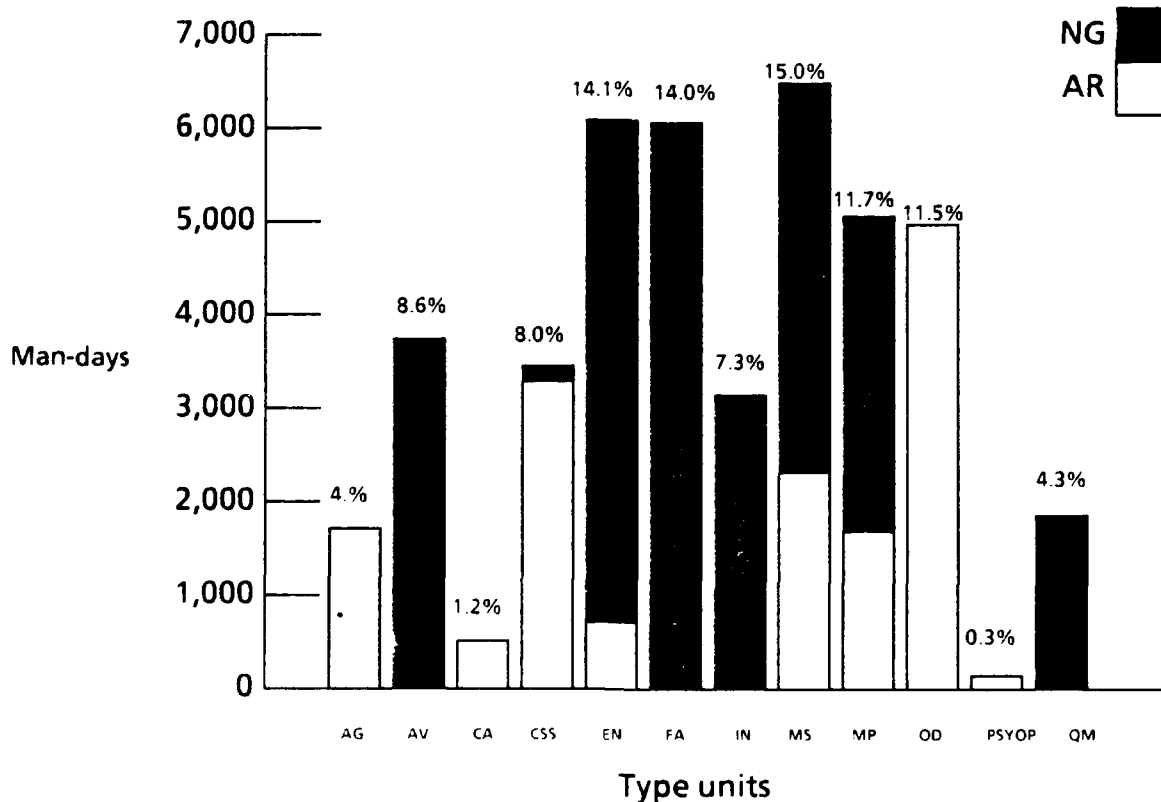
**Force composition:** See Figure 3-12.

**Component:** Army National Guard and Army Reserve

**Man-day expenditure:** AR-846 personnel, 15,306 man-days; NG-1,681 personnel 27,884 man-days

**Mode of deployment:** Personnel by air; equipment by air

**Summary:** Nation building projects include construction and restoration of infrastructures and assistance in improving the lives of citizens of friendly countries, e.g., restoring land, building roads, digging wells, or helping provide medical and educational services. During the period 1986 to 1990, Army National Guard and Army Reserve units provided nation building assistance to approximately 20 countries during their normal 2-week ADT schedule. This does not include assistance provided in projects with specific names, such as BLAZING TRAILS or FUERTES CAMINOS.



**Figure 3-12. Nation Building and Operational Support Worldwide**

- **Name of operation:** FUERTES CAMINOS NORTH AND FUERTES CAMINOS SOUTH

**Employment period:** Oct 88 - Sep 89

**Mission:** To construct roads and provide support to humanitarian and civic action projects, such as school construction, clothing distribution, and medical outreach.

**Force composition:** Engineer brigades augmented with support units (Figures 3-13 and 3-14. Specific units not available because of classification of this data.)

**Component:** Army National Guard and Army Reserve

**Man-day expenditure:** 10,763 soldiers; 181,686 man-days

**Mode of deployment:** Personnel by air; equipment by sea

**Summary:** The road building project, known as FUERTES CAMINOS (Spanish for strong roads), employed a joint task force composed of Army National Guard and Army Reserve soldiers working with Honduran military engineers. This project was a continuation of a road building project which started in 1985, CABANAS 85. Two National Guard organizations jointly coordinated the operation. The North Dakota Army National Guard was in charge of Task Force 164 (TF-164), and the Ohio Army National Guard was in charge of Task Force 16 (TF-16). During the deployment period, approximately 400 National Guard and Army Reserve soldiers were rotated to each task force every 17 days. As each unit reported in, it replaced another unit which redeployed to the United States. A small cadre remained throughout the employment period to ensure continuity of operation. Both TF-164 and TF-16 operated under the control of Joint Task Force BRAVO.

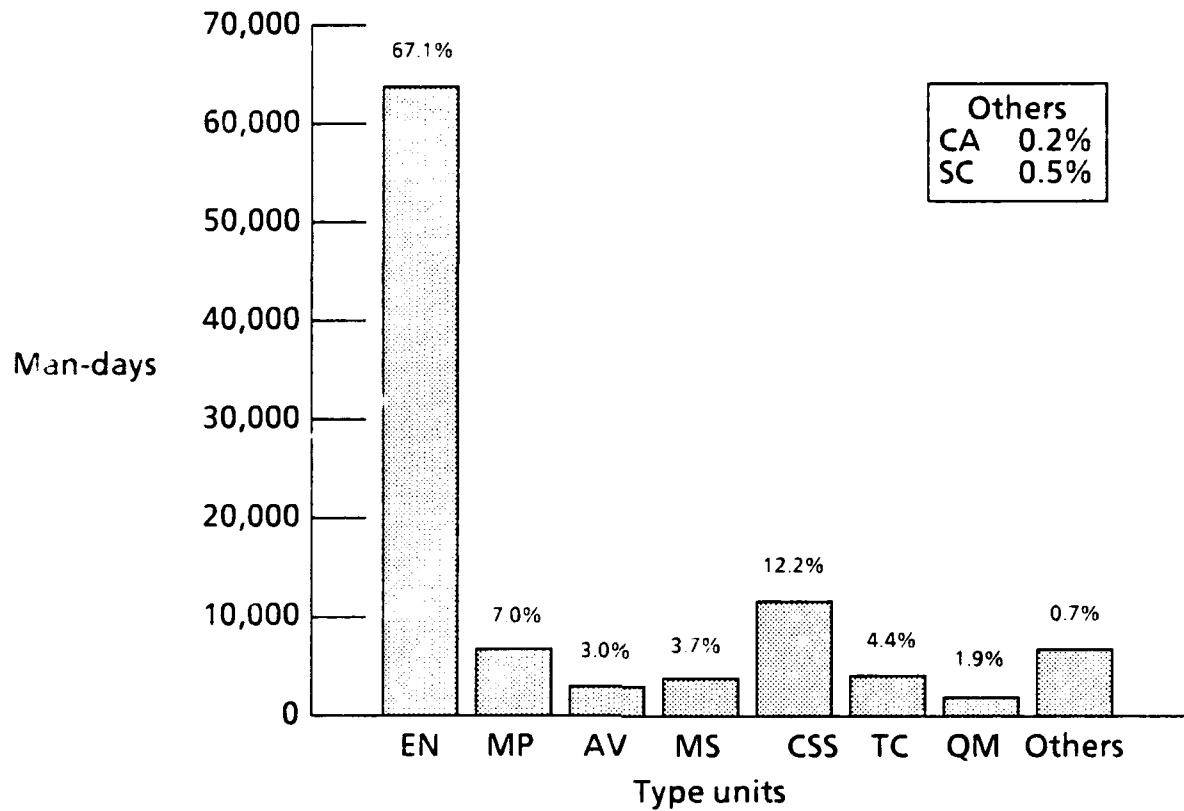


Figure 3-13. Operation FUERTES CAMINOS - North

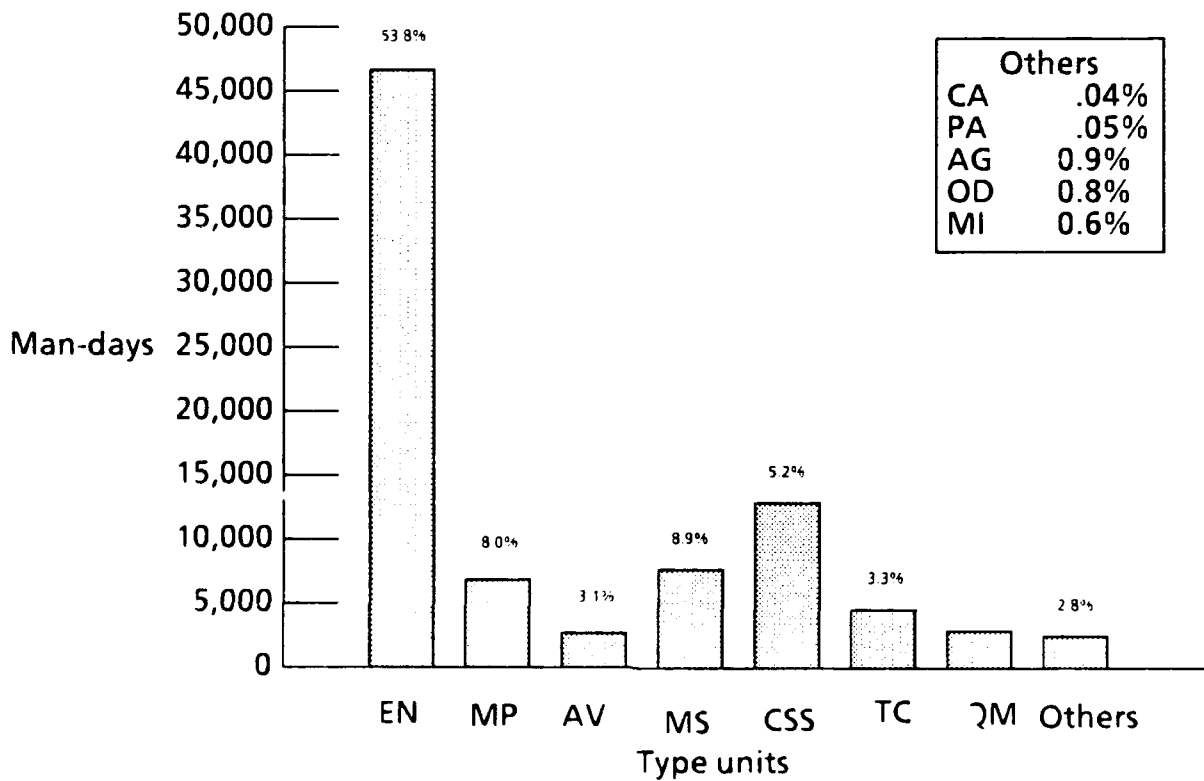


Figure 3-14. Operation FUERTES CAMINOS - South



## (6) Humanitarian Assistance Overseas

- **Name of operation:** INDOCHINESE RESETTLEMENT OPERATIONS - GUAM (OPERATION NEW LIFE)

**Employment period:** 22 Apr 75 - 1 Nov 75 (AR units deployed for the duration)

**Mission:** To establish and operate a refugee center at Orote Point, Guam, capable of supporting up to 50,000 refugees from Indochina.

**Composition of force:** See Figure 3-15.

**Component:** Active Army with Army Reserve engineers from Guam.

**Man-day expenditure:** AA-2,103 personnel, 405,879 man-days; AR-32 personnel 6,176 man-days

**Mode of deployment:** Personnel by air; equipment by air

**Summary:** On 12 April 1975, the JCS tasked Commander in Chief, Pacific (CINCPAC) to provide assistance in evacuating US nationals, their dependents, and refugees from Indochina. On this same day, US Embassy, Phnom Penh, Cambodia, closed as official presence terminated. Operation EAGLE PULL was executed to evacuate US Mission personnel and their dependents. On 18 April, President Ford established an Inter-agency Task Force for Indochina to coordinate all US government activities involved in evacuation, movement, processing, and resettlement of Indochinese refugees. On 22 April 1975, JCS directed the establishment of refugee center on Guam. CINCPAC then directed the Army to establish a refugee center capable of supporting up to 50,000 refugees at Point Orote, Guam. Over 100,000 refugees from Indochina passed through the refugee center on Guam. On 14 May 1975, the center reached its peak population of 50,040 refugees.

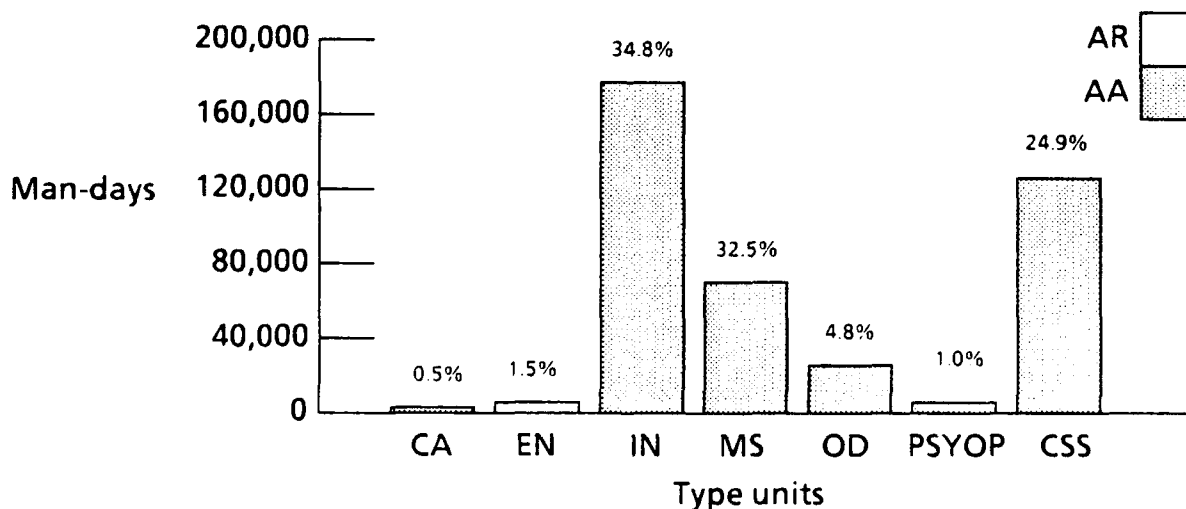


Figure 3-15. Indochinese Refugee Resettlement - Guam

● **Name of operation:** ENIWETOK CLEANUP OPERATION

**Employment period:** 15 Nov 77 - Dec 80

**Mission:** To remove nuclear contaminated debris from the Eniwetok Atoll so that the island's administration could be returned to the Trust Territories of the Pacific Islands, and the native inhabitants could resettle their homeland

**Force composition:** Engineer battalions

**Component:** Active Army

**Man-day Expenditure:** 3,270 soldiers; 373,107 man-days

**Mode of deployment:** Personnel by air; equipment by air and sea

**Summary:**

a. The Eniwetok Atoll lies approximately 2,380 nautical miles southwest of Hawaii and is comprised of 40 islands with a total land area of 2.75 square miles. When Eniwetok became a nuclear weapons testing ground in 1947, 146 native residents were relocated to Ujelang. From 1948 to 1958, the United States conducted 43 nuclear test on the Atoll, including the first H-bomb test. In April 1972, the US State Department announced that the US intended to transfer the island's administration back to the Trust Territories of the Pacific Islands. The Eniwetok people, now numbering some 400, would be permitted to return to their homeland. The State Department directed the Department of Interior and the Atomic Energy Commission to establish a program to clean up and rehabilitate Eniwetok Atoll for resettlement by the natives. On 30 November 1972, the Department of Defense designated the Defense Nuclear Agency as its Project Manager. A survey of the islands by a civilian engineering firm indicated that the cleanup would cost approximately \$39.9 million plus \$12 million for rehabilitation and \$3 million for radiological monitoring, for a total of approximately \$54 million. When the Defense Nuclear Agency requested \$20 million in FY 77, the House reduced it to \$15 million, but the Senate restored the full amount. In conference committee, the two bodies agreed to restore the full amount; however, it inserted the following provisions: "All feasible economies should be realized in the accomplishment of this project through the use of military service's construction and support forces, their subsistence, equipment, materials, supplies, and transportation, which have been funded to support ongoing operations."

b. Even before Congress had appropriated the requested funds, FORSCOM was aware that it would be responsible for the Army's role of planning, coordinating, and implementing the operation. From 1975 until 1977, various plans were discussed. Finally, the 84th Engineer Battalion (Provisional) was assigned the cleanup mission. Soldiers from throughout the Army were rotated to this mission and served for approximately 120 days.

● **Name of operation:** INCIDENT IN GUYANA

**Employment period:** 18 Nov 78 - 3 Dec 78

**Mission:** To recover the remains of US personnel who committed mass suicide with Rev. Jim Jones in Guyana, and to return remains to relatives for burial.

**Force composition:** Graves Registration units

**Component:** Active Army

**Man-day expenditure:** 270 soldiers; 4,050 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:**

a. At the beginning of November 1978, California Congressman Leo J. Ryan decided to make a personal visit to an American religious community in Guyana, South America, to investigate complaints from relatives of members of the community. This particular religious community had been founded by Rev. Jim Jones of Indiana but had operated in California for a number of years prior to moving to Guyana. During his trip, Congressman Ryan was approached by a number of the members of the community who requested to return to the United States with him. The Congressman was accompanied on the trip by a large party of newsmen (both television and print media) in order to provide press coverage of the visit. While boarding their aircraft for the return trip, the Congressman's party was attacked by some members of Jones' community. Congressman Ryan, three newsmen, and one defector, who was returning with the Congressman's party, were killed. Immediately after the attack on the aircraft, Rev. Jones ordered his entire community to commit suicide with him. An inspection of the area 2 days later revealed that approximately 900 persons were dead.

b. President Carter directed the military authorities to return all bodies to the United States so that they might be turned over to their relatives for burial. Army support of this operation was terminated on 3 December 1978.

● **Name of operation:** TASK FORCE CROSBY - Gander, Newfoundland

**Employment period:** 12 Dec 85 - 12 Jan 86

**Mission:** To deploy to Gander, Newfoundland, and recover remains of soldiers from the 101st Air Assault Division, Fort Campbell, KY, who were killed as a result of an airline crash as they redeployed from duty with the Multinational Force and Observers (MFO).

**Force composition:** Medical and combat service support detachments

**Component:** Active Army

**Man-day expenditures:** 333 soldiers; 10,323 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** At approximately 0518 Eastern Standard Time (EST), 12 December 1985, an Arrow Airways DC-8 crashed while taking off from the airport in Gander, Newfoundland. The plane was carrying 248 members of the 3d Bn, 502d Infantry, 101st Air Assault Division, Fort Campbell, KY, who were returning from a 6-month tour of duty with the MFO in the Sinai. The ADCSPER, HQDA, was dispatched to Gander as the senior US military officer. He arrived in Gander at 1500 EST accompanied by an 11-man team which included 4 pathologists, 3 morticians/ID experts, a chaplain, and representatives from the Office of Legislative Liaison and Army Public Affairs. Joining the ADCSPER later was a forensic photographer and 17 graves registration specialists. On 14 December, a 6-man HQDA coordination team was established at Dover AFB, Delaware, to coordinate activities related to the receipt and onward movement of remains. On 20 December 1985, a National Memorial Ceremony was held at Fort Campbell, KY in honor of the deceased soldiers.

c. The following are the CONUS operations which could be documented.

**(1) Disaster Assistance**

● **Name of operation:** FLOOD CONTROL, RIO del MAR, CA

**Employment period:** 9 Jan 78 - 12 Jan 78

**Mission:** To provide assistance to city of Rio del Mar, CA, in reinforcing seawall during flood.

**Force composition:** Infantry personnel

**Component:** Active Army

**Man-day expenditure:** 159 soldiers; 477 man-days

**Mode of deployment:** Personnel and equipment by road

**Summary:** The 7th Infantry Division, Fort Ord, CA, was called upon to assist in reinforcing the seawall at Rio del Mar to prevent loss of life and destruction of property during severe flooding which occurred in the winter of 1978.

● **Name of operation:** SNOW GO - BUFFALO, NY

**Employment period:** 28 Jan 77 - 14 Feb 77

**Mission:** To provide emergency assistance to the city of Buffalo, NY in snow removal operations.

**Force composition:** Combat heavy engineer brigade units augmented with support units (Figure 3-16)

**Mode of deployment:** Personnel and equipment by air

**Component:** Active Army and Army National Guard

**Man-day expenditure:** AA-318 personnel, 3,180 man-days; NG-617 personnel, 10,489 man-days

**Summary:** In the last week of January 1977, heavy snow, high winds, and low temperatures hit northern New York State. Buffalo, NY and surrounding areas were so hard hit that they were declared disaster areas. After the declaration, FORSCOM directed First US Army to identify snow removal equipment within its area of control. At First Army's direction, Fort Dix, NJ, sent a disaster control team element to Buffalo to coordinate relief effort. At the same time, approximately 300 New York Army National Guardsmen and their equipment were working in the area under the command and control of the 221st Engineer Group, New York ARNG. However, the weather continued to worsen, and by 1 February, the city of Buffalo and its environs required outside help. Following command channels and in accordance with FORSCOM's Military Assistance Plan, FORSCOM directed Commander, XVIII Airborne Corps, Fort Bragg, NC, to provide the required Active Army personnel and equipment to render the necessary support. Task Force SNOW GO remained in Buffalo for 10 days clearing main streets and roads.

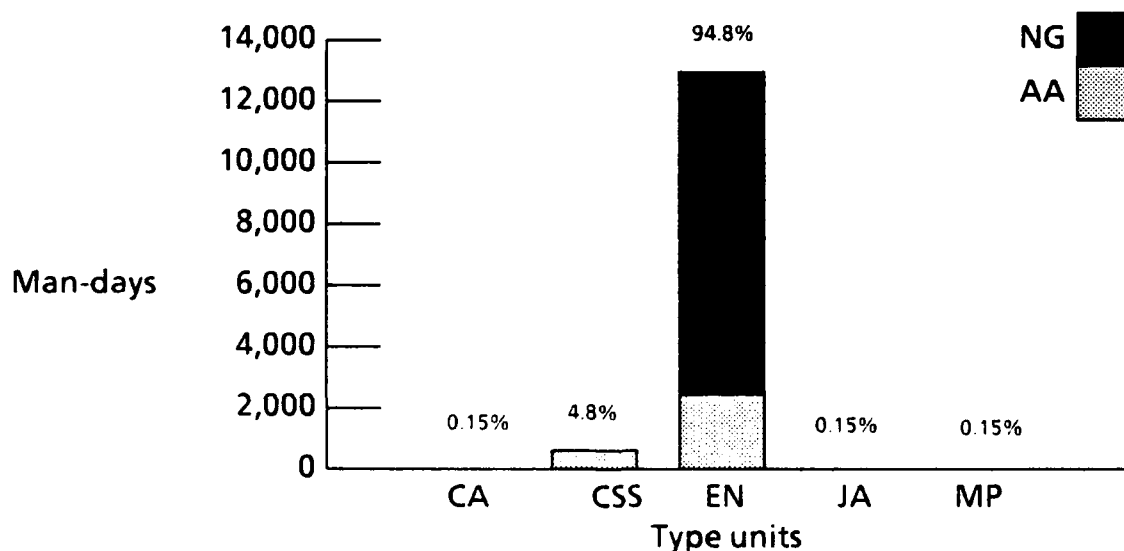


Figure 3-16. Snow Go - Buffalo, NY

• **Name of operation:** SNOW REMOVAL - TOLEDO, OH

**Employment period:** 28 Jan 78 - 6 Feb 78

**Mission:** To provide assistance to the state of Ohio in removing snow in the Toledo area.

**Force composition:** See Figure 3-17

**Component:** Active Army

**Mode of deployment:** Personnel and equipment by air and road

**Man-day expenditure:** 510 soldiers; 4,590 man-days

**Summary:** During late January 1978, the state of Ohio was hit by heavy snows, especially in the area around Toledo and Interstate Highway 75. Severe snowstorm closed Interstate Highway 75 completely in that area, leaving people and vehicles stranded along the highway. The Governor obtained assistance from the Active Army in helping to clear vital roads. Units from the XVIII Airborne Corps landed in Cleveland, OH, and immediately began to clear snow from the roads.

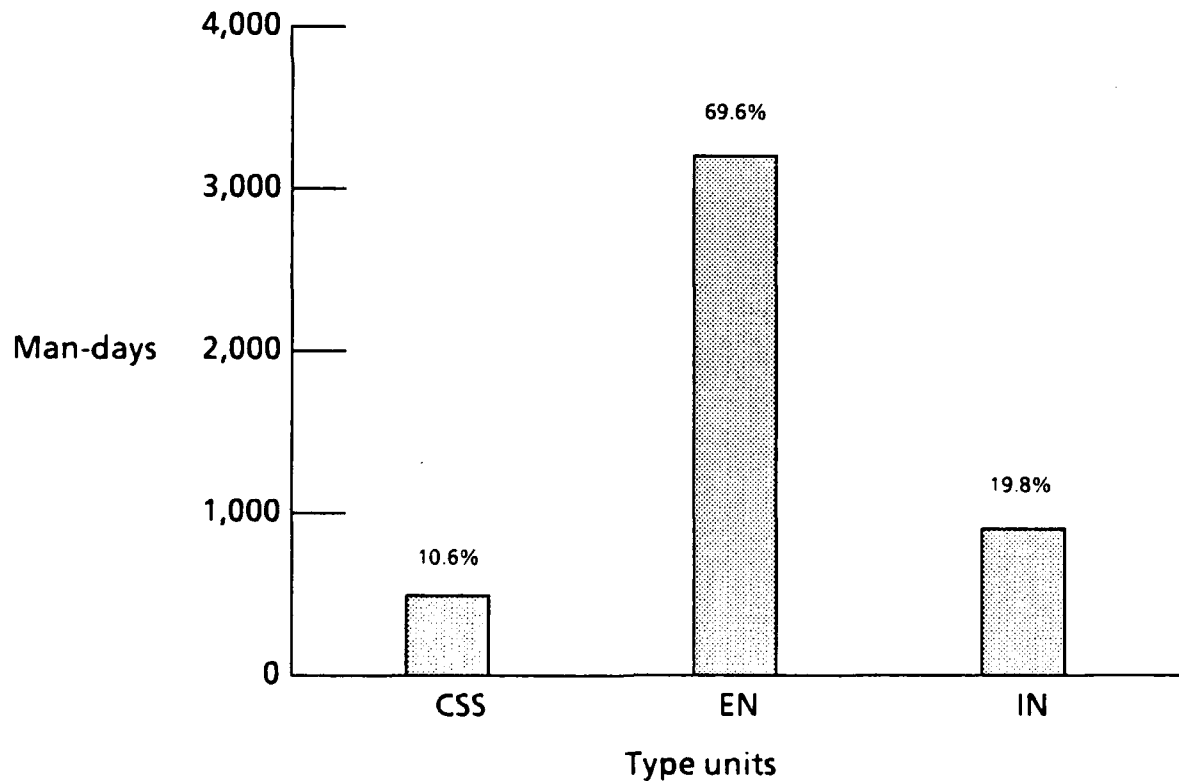


Figure 3-17. Snow Removal, Toledo, OH

- **Name of operation:** SNOW REMOVAL OPERATION - TASK FORCE ALPHA, BOSTON, MA

**Employment period:** 8 Feb 78 - 19 Feb 78

**Mission:** To conduct snow removal operations in and around Boston, MA, along with other relief workers, on a 24-hour basis, until emergency routes were opened.

**Force composition:** Combat heavy engineer units

**Component:** Active Army

**Man-day expenditure:** 506 soldiers; 5,060 man-days

**Mode of deployment:** Air and road

**Summary:** Task Force ALPHA consisted of personnel and equipment from XVIII Airborne Corps, Fort Bragg, NC, and was augmented by personnel from Fort Devens, MA, and Fort Hood, TX. During the course of the operation, Task Force ALPHA evacuated 1,071 civilians from flooded coastal areas and cleared snow from interstate routes and city streets in the Boston districts of West Roxbury, Hyde Park, Dorchester, and Roxbury. Task force personnel also delivered 15 tons of food supplies and accomplished some 300 medical missions.

- **Name of operation:** SNOW REMOVAL OPERATION - TASK FORCE BRAVO, HARTFORD, CT

**Employment period:** 8 Feb 78 - 18 Feb 78

**Mission:** To conduct snow removal operations in the Hartford, CT area

**Force composition:** Combat heavy engineer units

**Component:** Active Army

**Man-day expenditure:** 301 soldiers; 3,010 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** Task Force BRAVO, from Fort Hood, TX, was assigned the task of snow removal and clearing operations to open emergency traffic routes to urban and rural areas in the state of Connecticut, as well as disaster relief operations as directed by the Federal Disaster Assistance Administration.



- **Name of operation:** SNOW REMOVAL OPERATION TASK FORCE CHARLIE, PROVIDENCE, RI

**Employment period:** 8 Feb 78 - 18 Feb 78

**Mission:** To conduct snow removal operations in the Providence, RI area.

**Force composition:** Combat heavy engineer units

**Component:** Active Army

**Man-day expenditure:** 323 soldiers; 3230 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** Task Force CHARLIE consisted of units of the 36th Engineer Group, Fort Benning, GA, augmented by personnel and equipment from Fort Polk, LA, Fort Stewart, GA, and Fort Belvoir, VA. It landed at Theodore F. Green Airport in Providence and immediately began snow removal operations at the airport. After clearing the airport, the task force worked its way out to the city and cleared 25 miles of residential streets. Elements of this task force also cleared snow from the state penitentiary and the city of Cranston, RI.

- **Name of operation:** TORNADO CLEANUP - HOPKINVILLE, KY

**Employment period:** 13 May 78 - 17 May 78

**Mission:** To provide assistance to the city of Hopkinville in cleanup operation after a tornado struck the area.

**Force composition:** Engineer units

**Component:** Active Army

**Man-day expenditure:** 69 soldiers; 276 man-days

**Mode of deployment:** Personnel by road; equipment by road

**Summary:** The city of Hopkinville was struck by a tornado, causing loss of life and severe property damage. Emergency assistance was provided by engineer units from nearby Fort Campbell in removing debris.

● **Name of operation:** VOLCANIC ERUPTION - MT ST. HELENS, WA

**Employment period:** 22 May 80 - 17 Jun 80

**Mission:** To provide assistance in the aftermath of the volcano eruption.

**Force composition:** See Figure 3-18

**Component:** Active Army

**Man-day expenditure:** 426 soldiers; 8,086 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** On 18 May 1980, Mount St. Helens, a volcano in southwestern Washington State, erupted. The blast, greater than a 25-megaton bomb, removed 1,300 feet of mountain top and scattered 4 billion cubic yards of material across the landscape and into the atmosphere. Mud flows clogged the Toutle, Cowlitz, and Columbia River channels. Deep-draft navigation to Portland was cut off, and the Toutle and Cowlitz Rivers could not handle normal winter rainy season flows. Loss of vegetation and soil over a 150-square-mile area increased runoff, aggravating the potential for flooding. The President declared the state of Washington a disaster area on 22 May.

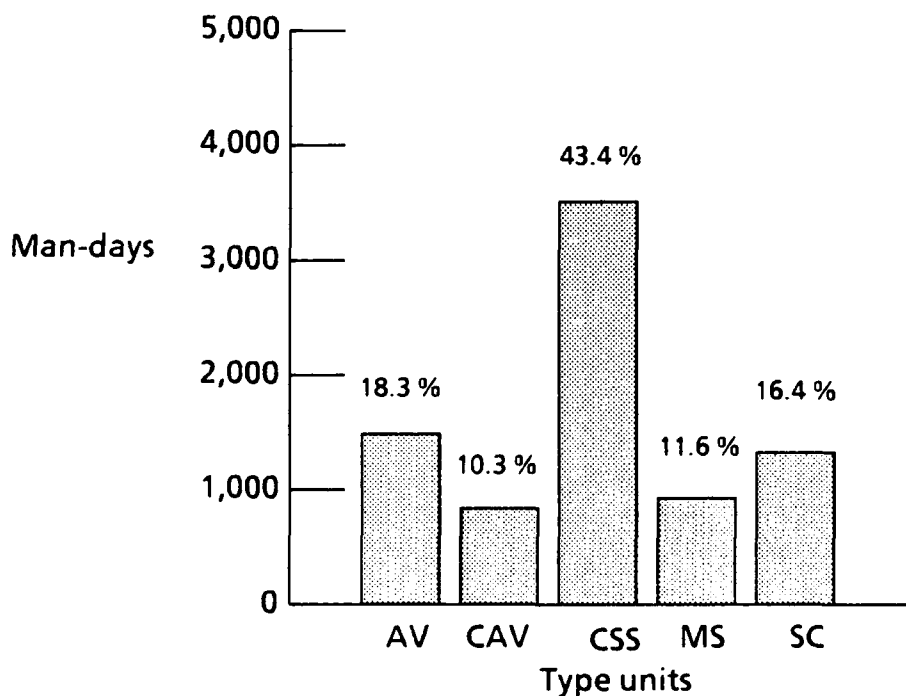


Figure 3-18. Volcanic Eruption, Mount St. Helens

● **Name of operation:** FLOODING - MID-ATLANTIC STATES

**Employment period:** 4 Nov 85 - 18 Nov 85 (NG units were deployed for the duration)

**Mission:** To provide assistance during floods of the mid-Atlantic states.

**Force composition:** Infantry unit

**Component:** Active Army and Army National Guard

**Man-day expenditure:** AA-108 personnel, 1,512 man-days; NG-2,901 personnel, 40,614 man-days

**Mode of deployment:** Personnel and equipment by road and air

**Summary:** The remnants of Hurricane Juan passed over the Appalachians and produced significant rainfall during the period 1-5 Nov 85. This rainfall produced flooding in Virginia, Maryland, Pennsylvania, and West Virginia. The James, Potomac, Kanawha, and Greenbrier Rivers were seriously flooded. The Army's primary assistance came in the way of aviation support, water purification, and humanitarian assistance. By 8 Nov, there had been 36 confirmed deaths attributed to the floods.

- **Name of operation:** HURRICANE HUGO - SOUTH CAROLINA (TASK FORCE VICTORY BRIGADE)

**Employment period:** 22 Sep 89 - 30 Oct 89

**Mission:** To provide disaster relief assistance in South Carolina in the wake of Hurricane Hugo

**Force composition:** See Figure 3-19

**Component:** Active Army

**Man-day expenditure:** 2,024 soldiers; 76,912 man-days

**Mode of deployment:** Personnel and equipment by road and air

**Summary:** Hurricane Hugo's landfall in South Carolina low country caused widespread damage, including flooding; public utility outages; destruction of public/private buildings, facilities, and residences; contamination of city potable water supply. On 23 September, the President declared the counties of Berkley, Charleston, Dorchester, Georgetown, Horry, Calhoun, Orangeberg, and Sumter as disaster areas. On 26 September, the counties of Calhoun, Clarendon, Florence, and York were also declared disaster areas and on 27 September, Chester, Fairfield, Kershaw, Lancaster, and Williamsburg Counties were added to the list of disaster areas. The Army provided the following types of relief assistance: (1) temporary crossing from Charleston to Sullivan Island, (2) emergency transportation for individuals from Sullivan Island to Isle of Palms, (3) logistic support to the Federal Emergency Management Agency (FEMA) (such as cots, blankets, food, and water) (4) a construction battalion to supplement state resources involved in clearing debris and providing emergency access throughout the counties declared as disaster areas, and (5) emergency generators to provide power to sewer treatment facilities until full-time commercial power was restored.

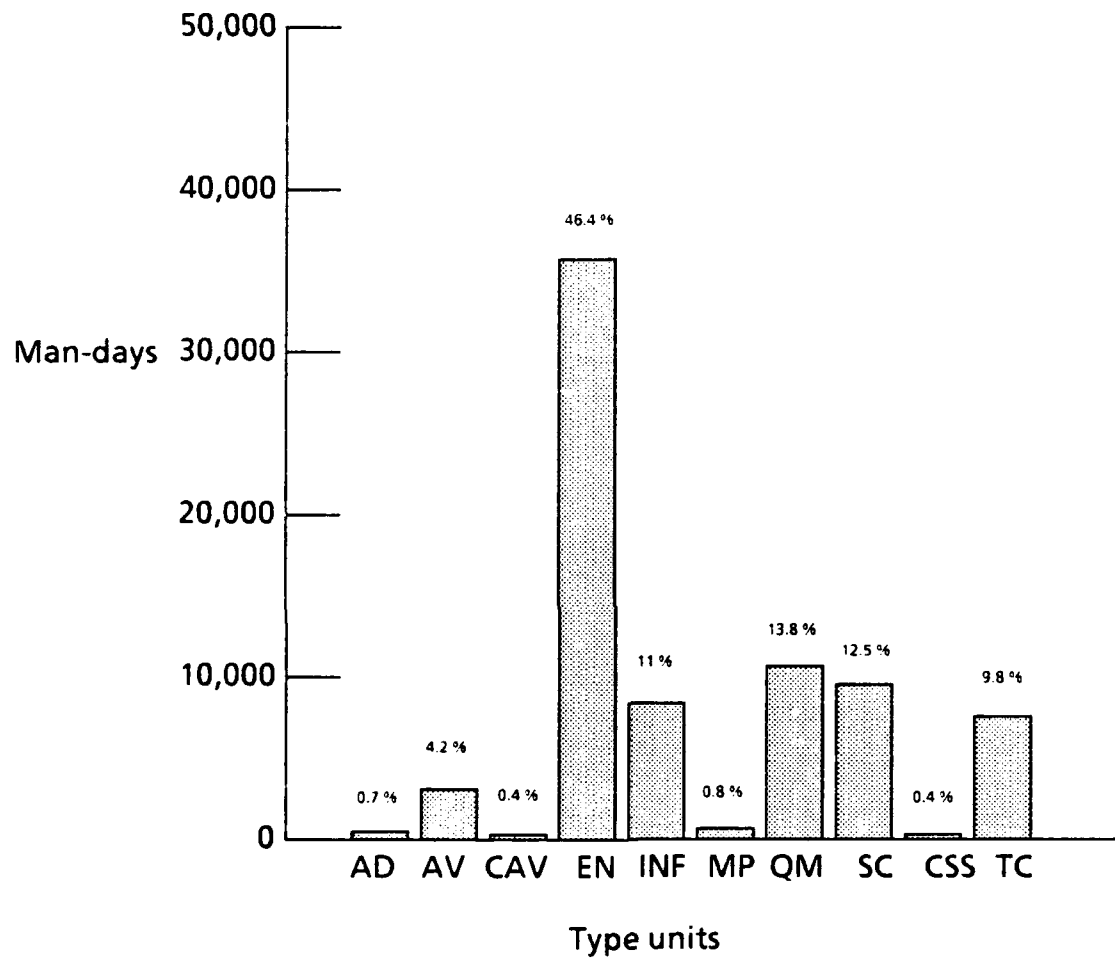


Figure 3-19. Hurricane Hugo, SC

• **Name of operation:** CALIFORNIA EARTHQUAKE

**Employment period:** 17 Oct 89 - 15 Nov 89 (NG units were deployed for the duration)

**Mission:** To provide assistance to FEMA during disaster relief as a result of the earthquake in northern California.

**Force composition:** See Figure 3-20

**Component:** Active Army and Army National Guard

**Man-day expenditure:** AA-1,508 personnel, 43,732 man-days; NG-1,297 personnel, 37,613 man-days

**Mode of deployment:** Personnel and equipment by road

**Summary:** On the evening of 17 October 1989, an earthquake measuring 7.1 on the Richter Scale struck northern California. FEMA requested assistance from DOD. Commander, Sixth US Army and Presidio of San Francisco, was designated Disaster Control Officer.

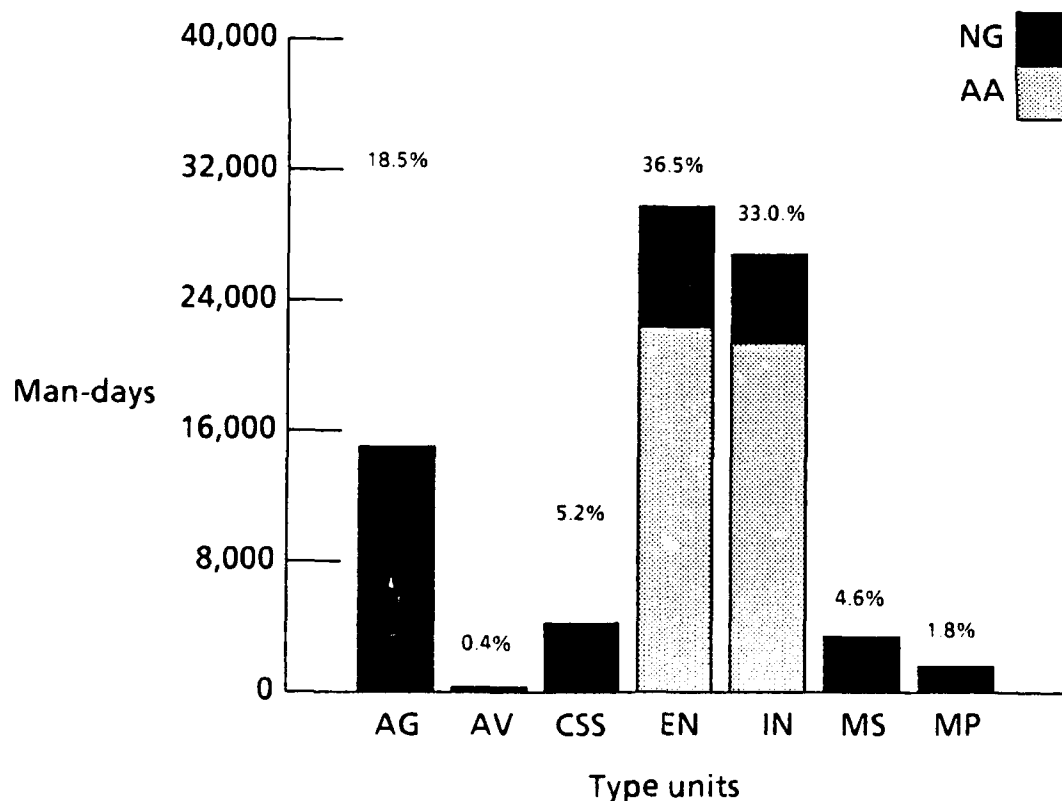


Figure 3-20. California Earthquake

● **Name of operation:** FIREFIGHTING - FORT WAINWRIGHT, AK

**Employment period:** 20 May 80 - 2 Jun 80

**Mission:** To conduct firefighting operations on the Fort Wainwright reservation

**Force composition:** Fort Wainwright units

**Component:** Active Army

**Man-day Expenditure:** 282 soldiers; 3,666 man-days

**Mode of deployment:** Personnel and equipment by road

**Summary:** Severe drought conditions in Alaska in the summer of 1980 resulted in a number of forest fires. The worst fire consumed approximately 3,300 acres on the Fort Wainwright reservation. Soldiers from the 172d Infantry Brigade conducted firefighting operations for 12 days.

● **Name of operation:** OREGON NATINAL FOREST FIRES

**Employment period:** 5 Sep 87 - 15 Sep 87

**Mission:** To assist the Boise Interagency Fire Center (BIFC) in suppressing fires in the Oregon National Forest

**Force composition:** See Figure 3-21

**Component:** Active Army

**Man-day expenditure:** 663 soldiers; 6,630 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** Due to the severe forest fires in the Oregon National Forest in the late summer of 1987, the BIFC requested, under the provisions of a support Memorandum of Agreement, DOD assistance in fire suppression operations. DOD responded by providing an Army battalion from Fort Ord, CA, and two UH-60s and one XUH-1 MEDEVAC helicopter from Fort Lewis, WA.

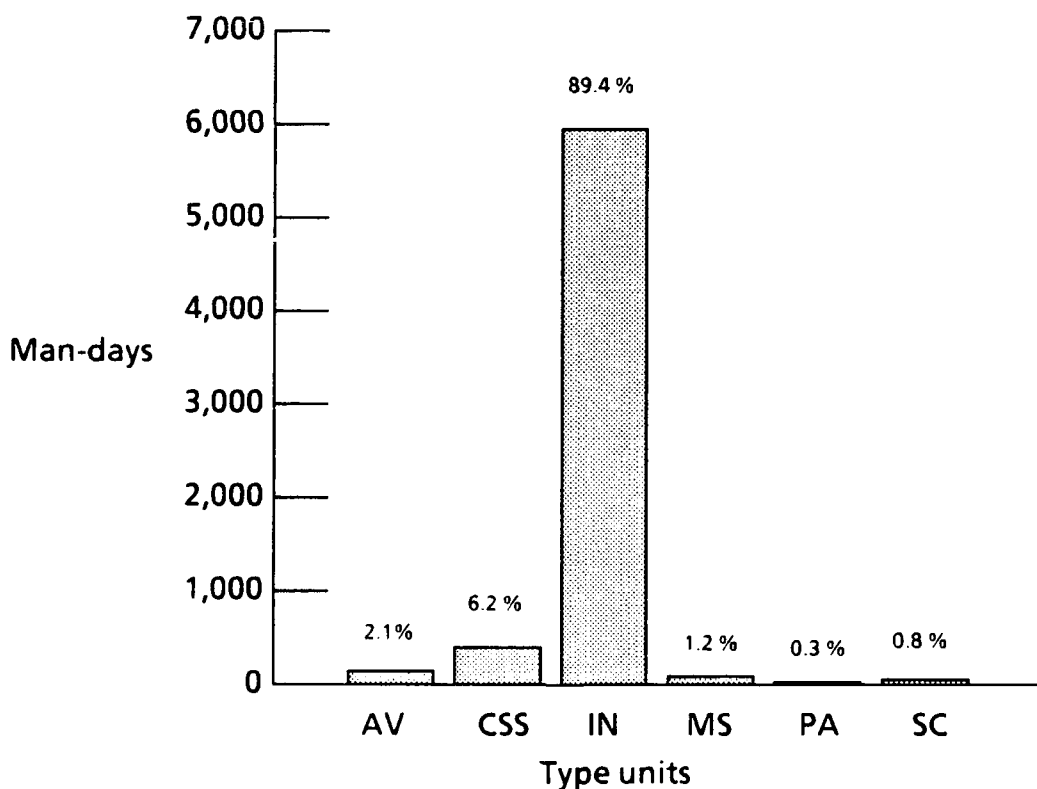


Figure 3-21. OREGON NATINAL FOREST FIRES



● **Name of operation:** FIREFIGHTING - YELLOWSTONE NATIONAL PARK, WY

**Employment period:** 18 Aug 89 - 23 Sep 89

**Mission:** To assist the Boise Interagency Fire Center in suppressing fires in Yellowstone National Park

**Force composition:** See Figure 3-22

**Component:** Active Army

**Man-day expenditure:** 3,608 personnel; 137,088 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** Two consecutive years of record droughts, combined with high winds and temperatures in the western United States during July and August 1988, provided the worst fire conditions in over 200 years. BIFC requested DOD assistance to fight a large number of uncontrolled fires in and around Yellowstone National Park. On 19 August 1988, two battalions of the 9th ID (Mtzd), stationed at Fort Lewis, Washington, were alerted and informed that they would be deployed as firefighters. The following day, 20 August 1988, a military advance party consisting of seven members of the 1st Brigade staff, flew to West Yellowstone and met with Federal officials to discuss the use of the two battalions, the 4-23 Infantry and 1-11 Field Artillery. By 23 August 1988, both 4-23 IN and 1-11 FA had deployed to West Yellowstone along with an aviation package of five CH-47Ds, two UH-60s, and one UH-1V helicopters. Four additional CH-47D helicopters deployed on 24 August 1988. By 29 August 1988, it was apparent that more help would be needed to control the wildfires, so two more battalions, 2d Battalion, 2d Infantry Regiment and 1st Battalion, 52d Air Defense Artillery Battalion, were deployed to Yellowstone. Additional aviation assets were also added to the force and now totaled 12 CH-47s, seven UH-60s, and the one UH-1V helicopter. After a meeting at West Yellowstone on 8 September 1988, DOD agreed to commit two more battalions and additional CH-47 and UH-60 helicopter support. To accommodate the increased number of personnel, Joint Task Force Yellowstone was formed.

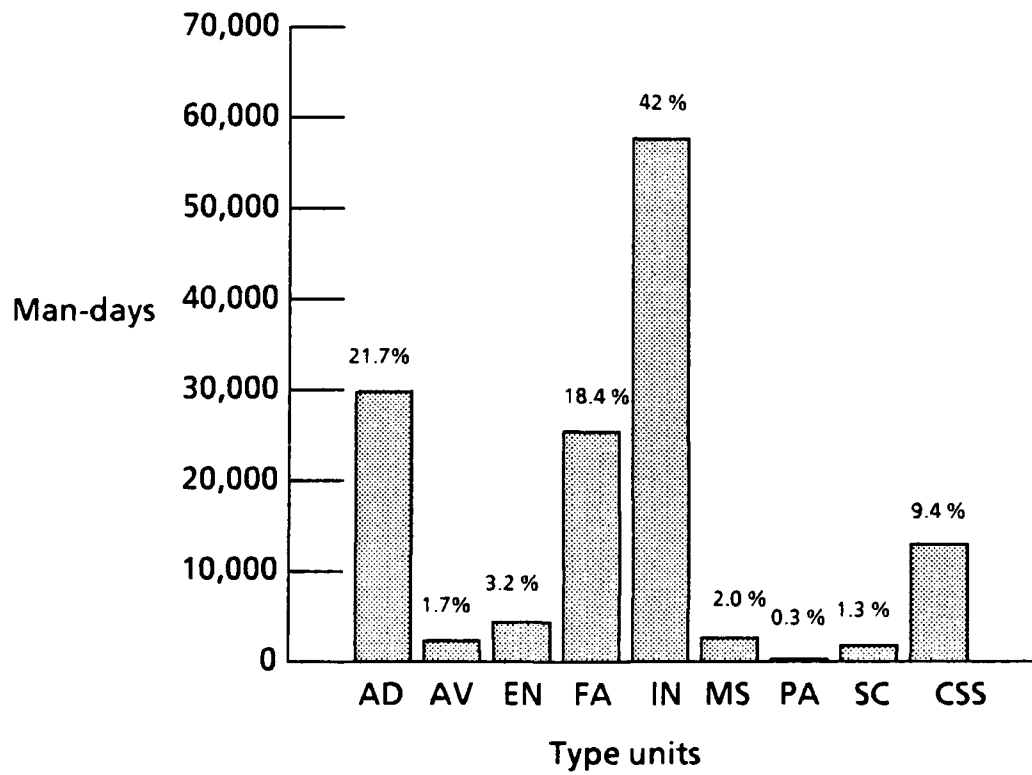


Figure 3-22. Firefighting Operations - Yellowstone National Park

- **Name of operation:** OREGON - IDAHO FIREFIGHTING (Task Force Trail Blaze and Task Force Smokey)

**Employment period:** 2 Aug 89 - 18 Aug 89 and 6 Aug 89 - 16 Aug 89

**Mission:** To assist the Boise Interagency Fire Center in fire suppression operations

**Force composition:** See Figures 3-23 and 3-24

**Component:** Active Army

**Man-day expenditure:** 2,464 soldiers; 32,380 man-days

**Mode of deployment:** Personnel by air and road; equipment by road, air, and rail

**Summary:** In 1986-1989, fires in the western states were particularly difficult to control due to severe drought. BIFC soon exhausted all available resources and requested DOD assistance in fire suppression operations. On 30 July, DOD responded by providing two Army battalions from Fort Lewis, WA; this force was called Task Force Trail Blaze. The Disaster Control Officer for Task Force Trail Blaze was the division artillery commander, 9th Infantry Division, Fort Lewis, WA. On 1 August, BIFC requested 2 additional battalions and 22 UH-60 helicopters to provide airlift support for federal firefighting workers in the Idaho fires. DOD responded by providing two battalions from Fort Riley, KS, and an aviation detachment from Fort Campbell, KY. This was called Task Force Smokey. The Disaster Control officer for Task force Smokey was Commander, 3d Brigade, 4th Infantry Division, Fort Riley, KS.

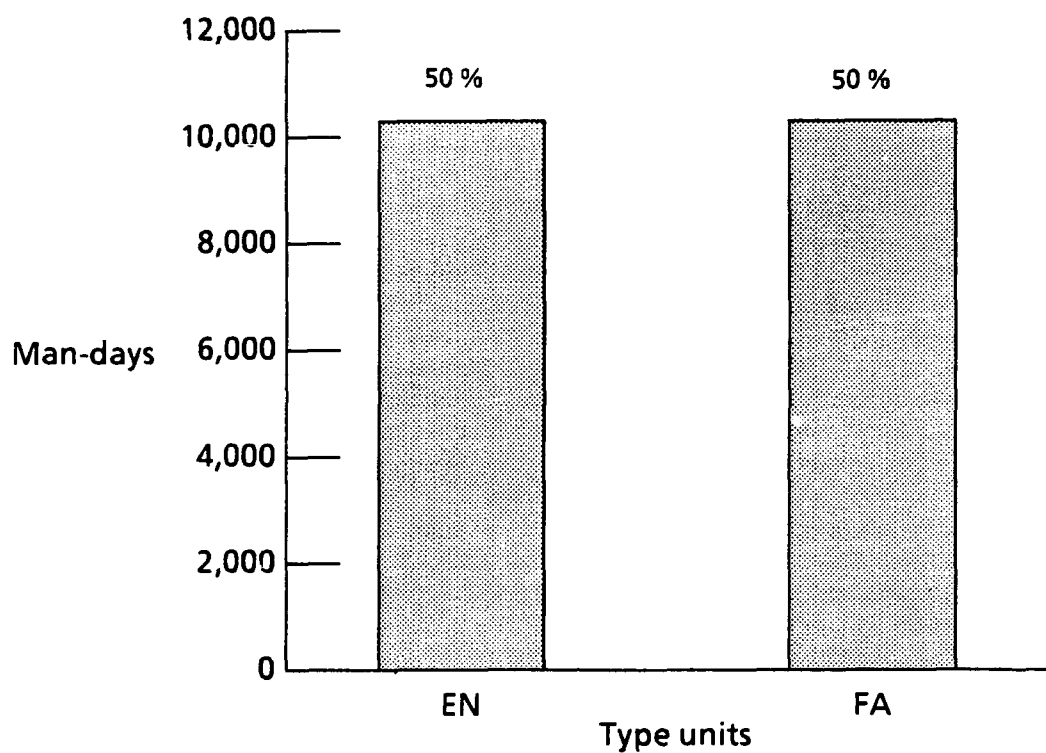


Figure 3-23. Firefighting Operations - Oregon and Idaho, 2-18 Aug 89

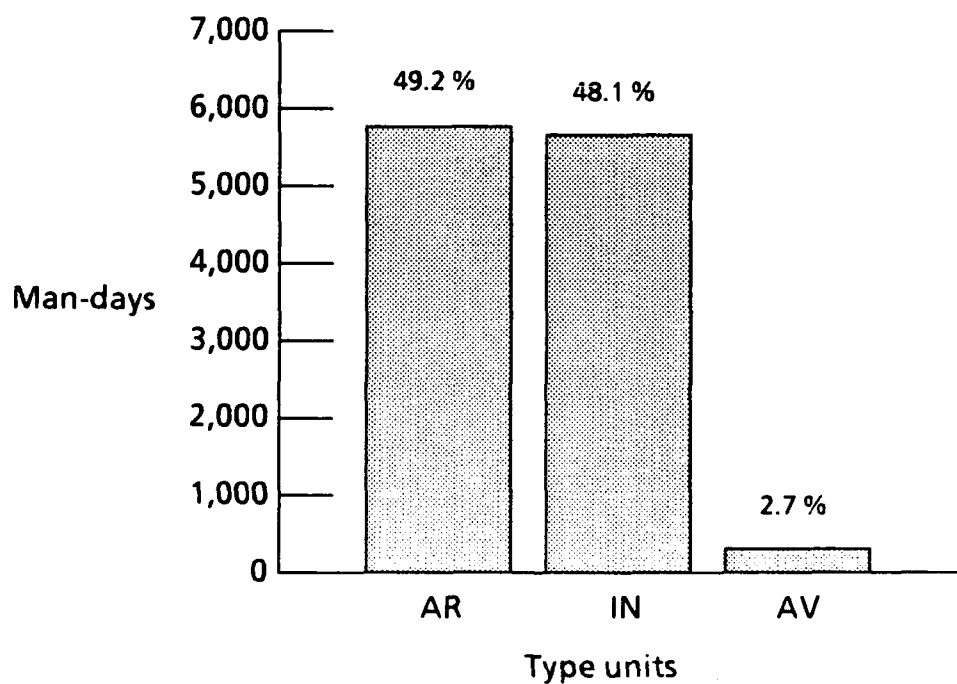


Figure 3-24. Firefighting Operations, Oregon and Idaho, 6-16 Aug 89

● **Name of operation:** AIR FLORIDA CRASH RELIEF OPERATIONS

**Employment period:** 13 Jan 82 - 27 Jan 82 (RC units were deployed for the duration)

**Mission:** To provide assistance to FEMA and the National Transportation Safety Board (NTSB) during recovery operations of Air Florida Flight #90 which crashed into the Potomac River

**Force composition:** See Figure 3-25

**Component:** Active Army, Army Reserve

**Man-day expenditure:** AA-207 personnel, 2,895 man-days; AR-65 personnel, 910 man-days

**Mode of deployment:** Personnel by air and road; equipment by air, road, and water

**Summary:** On 13 Jan 82, Air Florida Flight #90, en route to Tampa, FL, crashed shortly after takeoff from Washington National Airport. Seventy-four passengers died when the aircraft crashed into the Potomac River after striking the north span of the 14th Street Bridge. Four passengers and a flight attendant were rescued from the waters near the submerged wreckage. The aircraft's collision with northbound traffic on the bridge resulted in four fatalities and four persons injured. Time of the crash was approximately 1601, and by 1605, the Military District of Washington (MDW) Emergency Operation Center (EOC) had been notified of the disaster by the City Civil Defense Network. MDW was designated executor for military coordination in support of recovery operations. The EOC placed Davison United States Army Airfield (DUSAA) on full alert, and DUSAA ultimately deployed five UH-1H MEDEVAC helicopters to National Airport and to the crash site. One MEDEVAC helicopter evacuated a female crash survivor to Medstar Unit of Washington Hospital Center. Among assets key to the success of later recovery operations was the arrival of the 30th Engineer Battalion (Topographic) which provided the first operational diving team and a much needed topographic site map. On 27 Jan, the Army assistance came to an end.

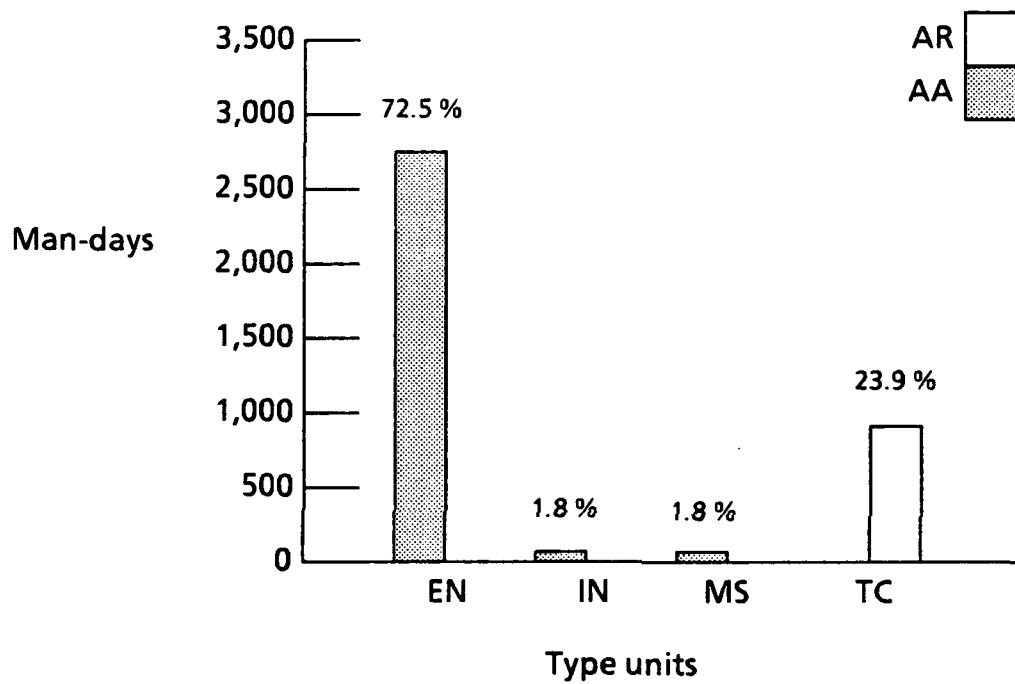


Figure 3-25. Air Florida Crash, Relief Operations

● **Name of operation:** ALASKA OIL SPILL CLEANUP

**Employment period:** 6 Apr 89 - 22 Sep 89

**Mission:** To provide assistance during the cleanup operations of the oil spill of the Exxon tanker Valdez.

**Force composition:** See Figure 3-26.

**Component:** Active Army Engineer and Medical personnel

**Man-day expenditure:** 152 soldiers; 23,256 man-days

**Mode of deployment:** Personnel and equipment by air and water

**Summary:** In the early morning of 24 March 1989, the Exxon tanker Valdez veered off course and struck the rocks of the Bligh Reef along the shores of Prince William Sound, Alaska. The tanker impaled itself on the Reef and tore gashes in its hull thought to be 15 feet wide. Ten and one half million gallons of oil poured into the Sound. As part of the national assistance effort to the oil spill cleanup, the Secretary of Defense designated the Secretary of the Army as the Executive Agent for DOD support to the Department of Transportation (DOT). The Director of Military Support (DOMS), Deputy Chief of Staff for Operations and Plans (DCSOPS), was designated the action agent to coordinate, manage, and task all DOD support to DOT. The Commander, Alaskan Air Command, was designated as Commander, Alaska Oil Spill Task Force and on-site Defense Senior Representative for Military Support. The DOMS JTF began operations on 6 April 1989. By 2 May, the Army had provided the following to assist in the oil spill cleanup: two CH-47s, two UH-1s, three UH-60s, and two dredges (the Essayons and the Yaquina). The Yaquina arrived on station on 18 April and departed on 8 June. The Essayons arrived on station on 20 April and departed on 21 July. The dredges provided assistance in a variety of ways, including the following: (1) a platform for command and control of small boats working in remote areas; (2) collection of oil from the surface of the water using techniques which were not possible by using conventional skimmers; (3) a platform for the employment of helicopters offshore. The Army helicopters were used throughout the cleanup operation. Of particular note was the use of the three MEDEVAC UH-60 Blackhawks. Because of the requirement to operate over water, the twin-engine capability of the UH-60 was a necessity. The UH-60s arrived on 19 April and departed on 23 September.

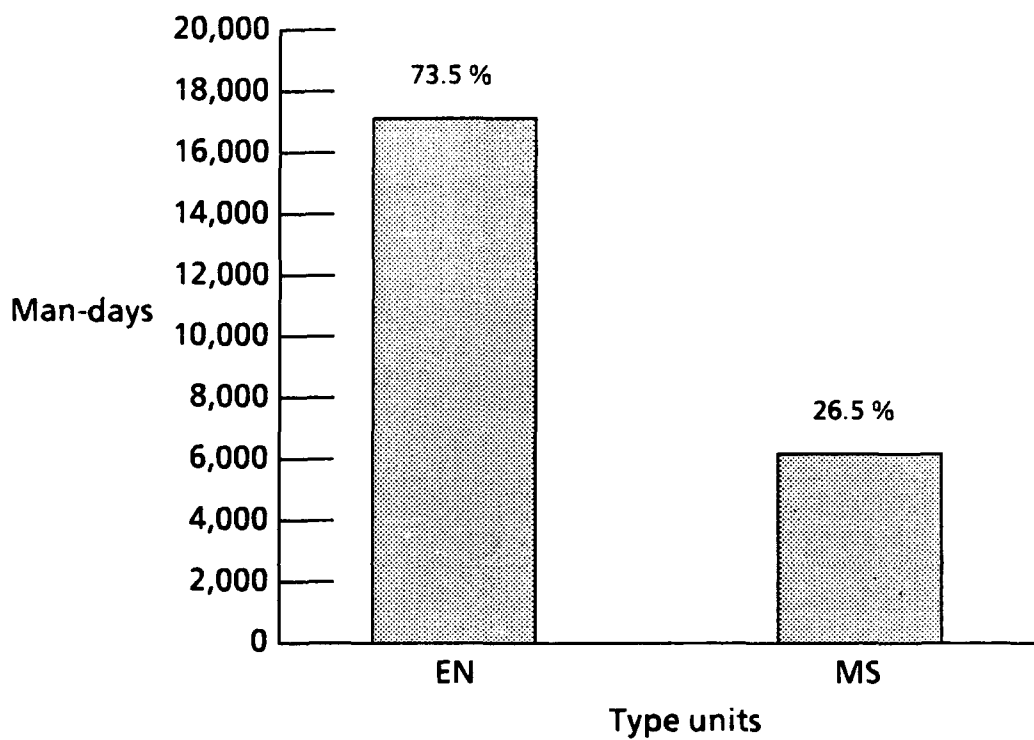


Figure 3-26. Alaska Oil Spill Cleanup



**(2) Support to Law Enforcement/Other Agencies**

- **Name of operation:** ARMY AIR TRAFFIC CONTROLLER SUPPORT TO THE FEDERAL AVIATION ADMINISTRATION

**Employment period:** Aug 81 - Mar 83

**Mission:** To provide augmentation to the Federal Aviation Administration (FAA) as a result of the strike by the Professional Air Traffic Controllers' Organization (PATCO)

**Force composition:** Aviation units

**Component:** Active Army

**Man-day requirements:** 243 soldiers; 147,501 man-days

**Mode of deployment:** Personnel by air; equipment not required

**Summary:** On 22 Jun 81, PATCO announced a strike against the FAA. Those members who refused to return to work were fired. DOT requested assistance from DOD in providing military augmentation to the FAA to fill critical personnel shortages. DOD responded by tasking each service component to provide specific numbers of qualified air traffic controllers. The Army provided controllers from each major Army command (MACOM) in CONUS. The original request was for Army to provide controllers for a 1-year period; however, this was extended. Records indicate that the peak number of controllers provided by the Army was 225.

● **Name of operation:** SENECA, NY DEMONSTRATIONS (Operation ATHENA)

**Employment period:** 4 Jul 83 - 24 Oct 83

**Mission:** To reinforce Seneca Army Depot (SEAD) against possible terrorist attack

**Force composition:** See Figure 3-27

**Component:** Active Army

**Man-day expenditure:** 178 soldiers; 38,976 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** In the summer of 1983, various women's peace organizations purchased a farm next to Seneca Army Depot (SEAD) from which to stage summer-long antinuclear demonstrations. A military police battalion headquarters and two military police companies, dog teams, and medical personnel were sent to SEAD to reinforce security elements already in place.

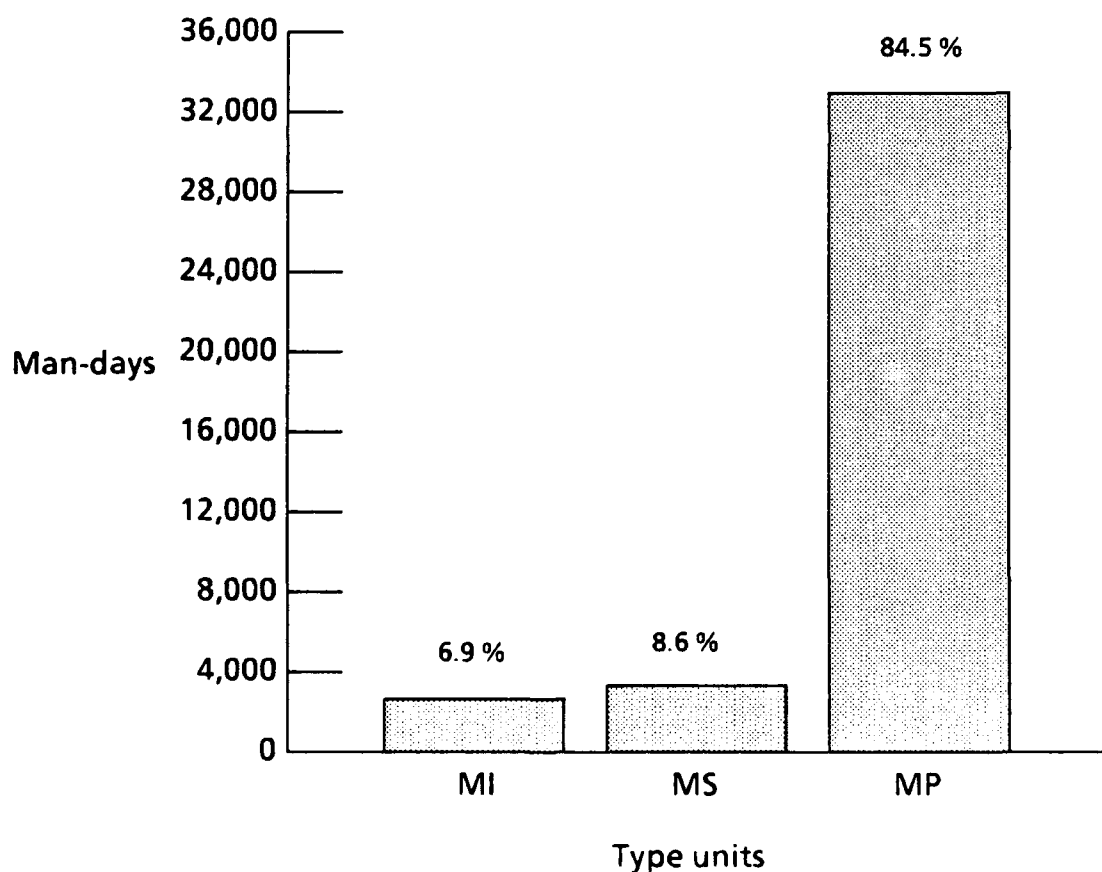


Figure 3-27. Seneca Demonstrations

● **Name of operation:** PRISON DISTURBANCES - OAKDALE, LA AND ATLANTA, GA

**Employment period:** 24 Nov 87 - 15 Dec 87

**Mission:** To provide assistance to the Federal Bureau of Prisons (BOP) during prison disturbance

**Force composition:** See Figure 3-28

**Component:** Army and Army National Guard

**Man-day expenditure:** AA-130 personnel, 130 man-days; NG-374 personnel, 374 man-days

**Mode of deployment:** Personnel and equipment by road

**Summary:** On 21 Nov 87, a disturbance erupted in the Oakdale, LA, Federal Prison. Approximately 1,000 detainees took over the facility and seized 28 hostages. On 23 Nov, a disturbance erupted in the Federal prison in Atlanta, GA. In this incident, approximately 1,220 detainees took over the facility and seized 75 hostages. On 24 Nov, the Secretary of Defense appointed the Secretary of the Army as DOD Executive Agent during the crisis.

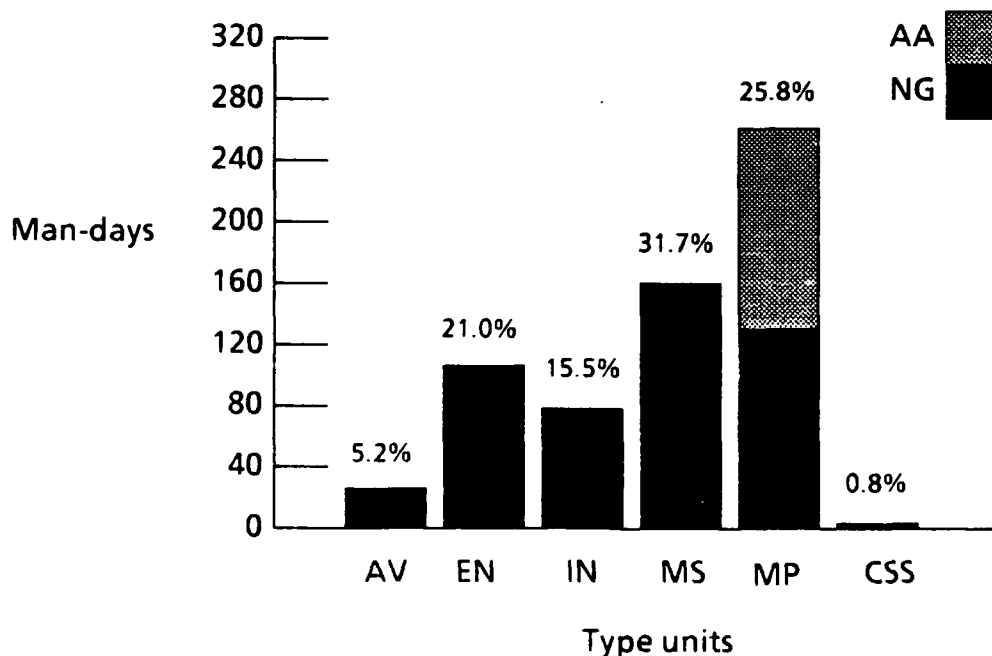


Figure 3-28. Prison Disturbances

● **Name of operation:** HAWKEYE - US VIRGIN ISLANDS

**Employment period:** 21 Sep 89 - 30 Oct 89

**Mission:** Assist civil authority in restoring order within the Territory of the Virgin Islands in the wake of Hurricane Hugo

**Force composition:** See Figure 3-29

**Component:** Active Army

**Man-day expenditure:** 1429 soldiers; 68,592 man-days

**Mode of deployment:** Personnel and equipment by air

**Summary:** Hurricane Hugo caused widespread damage to the Virgin Islands. Among the facilities damaged was the Territorial Prison. Large numbers of prisoners escaped, and looting was widespread. The Governor, Virgin Islands, requested assistance from the US Government in restoring order. FORSCOM was tasked to provide a task force consisting of military police and support personnel. The immediacy of this mission did not allow for detailed planning prior to deployment. The deployment proceeded, however, and forces were in place at the required time.

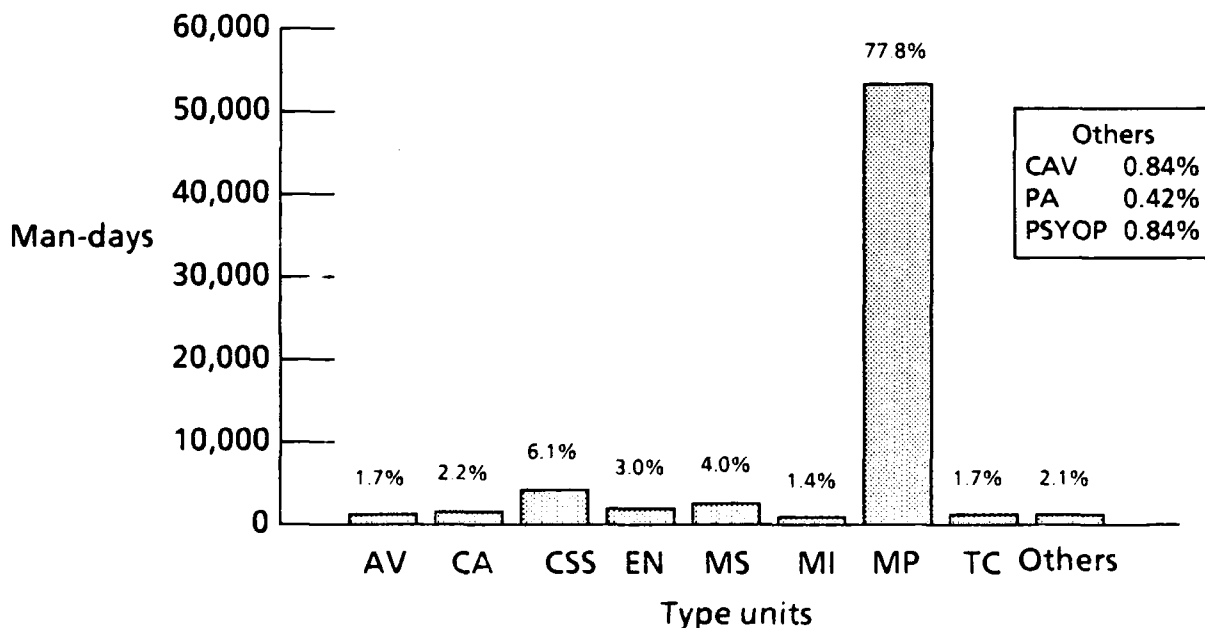


Figure 3-29. Operation HAWKEYE, US Virgin Islands

### (3) Refugee Resettlement Operations

● **Name of operation:** INDOCHINESE RESETTLEMENT - FORT CHAFFEE, AR

**Employment period:** 28 Apr 75 - 30 Dec 75 (AR units were deployed from 2 - 17 days)

**Mission:** To establish, operate, and maintain a refugee center capable of receiving, housing, and processing 20,000 Indochinese refugees

**Force composition:** See Figure 3-30

**Component:** Active Army and Army Reserve

**Man-day expenditure:** AA-1,804 personnel, 440,340 man-days; AR-57 personnel, 17,466 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** On 28 Apr 75, Brigadier General James W. Cannon was designated as Commander for Task Force NEW ARRIVALS, Fort Chaffee, AR, and on the following day, elements of the 46th Support Group, Fort Bragg, NC, and the 47th Field Hospital, Fort Sill, OK, arrived at Fort Chaffee to support refugee operations. On 2 May 75, the first Indochinese refugees arrived at Fort Chaffee. On 14 Jun, the Department of the Army directed that the capacity of the center be increased to 25,000 in order to more rapidly reduce the population at the refugee center in Guam. On 24 Jun, Fort Chaffee reached its peak capacity of 25,055. However, by the time operations were terminated on 30 Dec 75, more than 50,000 refugees had been processed through the Center.

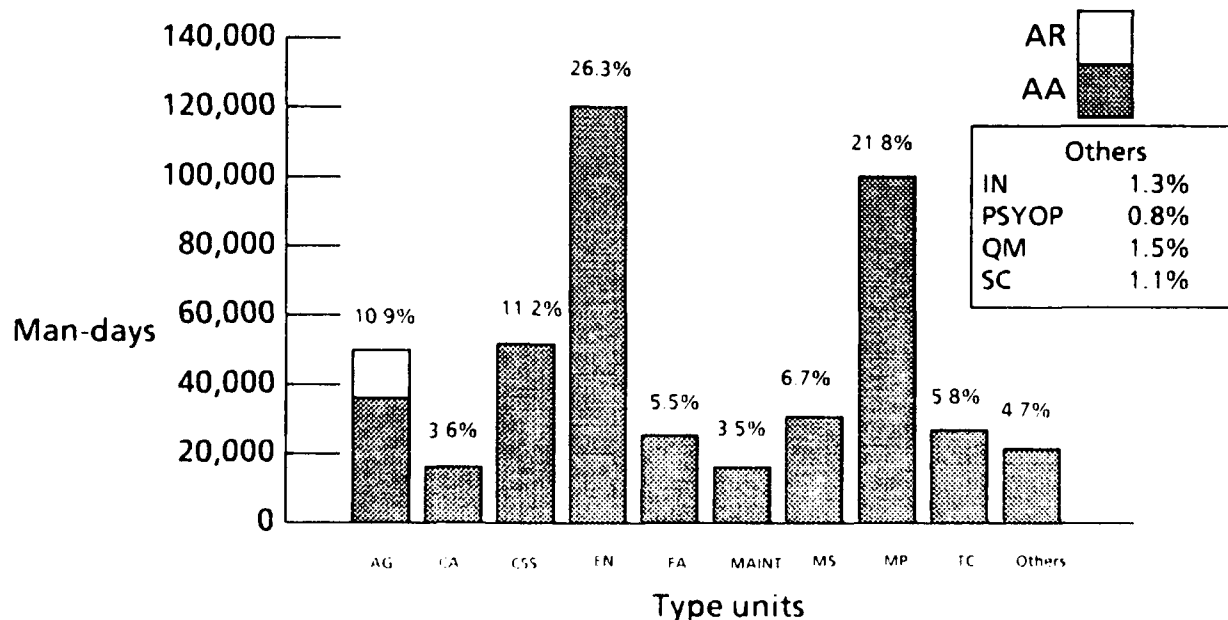


Figure 3-30. Indochinese Refugee Operations, Ft Chaffee, AR

• **Name of operation:** INDOCHINESE RESETTLEMENT - FORT INDIANTOWN GAP, PA

**Employment period:** 22 May 75 - 15 Dec 75

**Mission:** To establish, operate, and maintain a refugee center with the capacity of receiving, processing, and housing at least 15,000 refugees

**Force composition:** See Figure 3-31

**Component:** Active Army and Army Reserve

**Man-day expenditure:** AA 1,705 personnel, 381,915 man-days; AR 185 personnel, 9,315 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** On 19 May 1975, the Department of the Army directed that Fort Indiantown Gap, PA, be established as a reception center for Indochinese refugees. The Commander of Task Force NEW ARRIVALS at Fort Chaffee, was designated as commander of Task Force NEW ARRIVALS at Fort Indiantown Gap. Two days later, the 46th Support Group which was at Fort Chaffee also redeployed to Fort Indiantown Gap to open the reception center. On 14 Jun, the Department of the Army directed that the capacity at Indiantown Gap be increased to 17,000. On 26 Jun, it reached its peak population of 16,809. By the time operations were terminated on 15 Dec 75, over 22,000 refugees had been processed through the center.

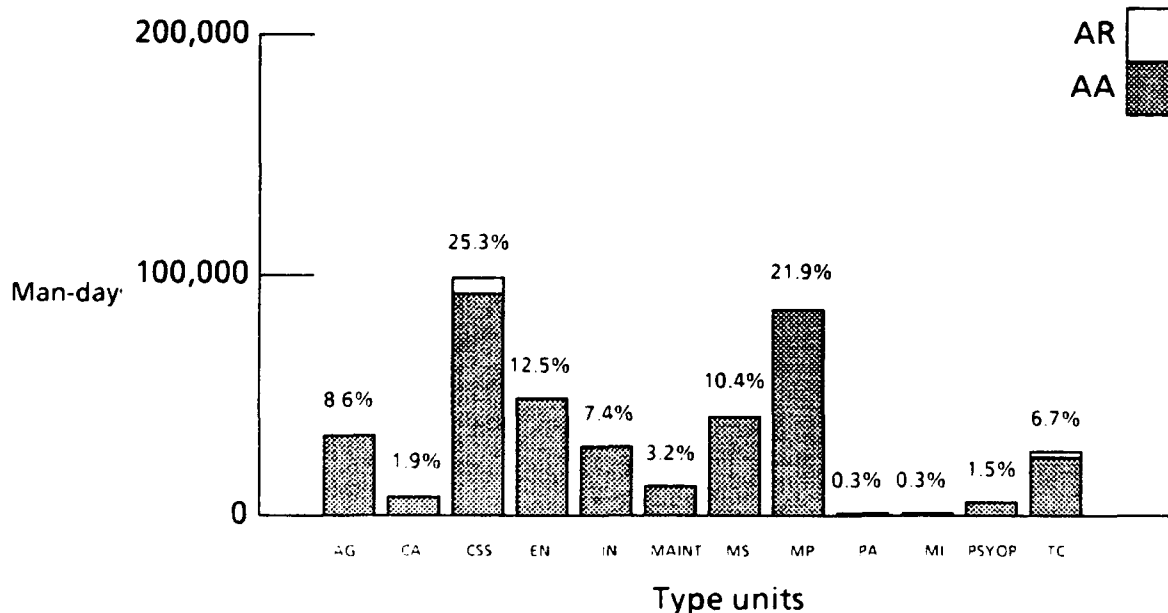


Figure 3-31. Indochinese Refugee Operations, Ft Indiantown Gap, PA

● **Name of operation:** CUBAN RESETTLEMENT OPERATIONS - FORT CHAFFEE, AR

**Employment period:** 8 May 80 - 13 Dec 80 (AR and NG units were deployed from 2-17 days.)

**Mission:** To establish and operate a refugee center capable of receiving, housing, and processing 20,000 Cuban refugees.

**Force composition:** See Figure 3-32.

**Component:** Active Army, Army National Guard, and Army Reserve

**Man-day Expenditure:** AA 3,889 personnel, 117,797 man-days; AR 672 personnel, 8,923 man-days; NG 2,140 personnel, 37,482 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** In April 1980, the Cuban Government decided to permit mass emigration and announced that anyone desiring to leave Cuba could do so. As soon as the announcement was made, Cuban nationals in the United States with relatives in Cuba began chartering boats in Florida to transport their Cuban relatives to Florida. When the chartered boats arrived in Cuba, however, the Cuban government forced the boat operators to accept a large number of so called undesirables (criminals and others who had not been assimilated into the society). This became known as the "Freedom Flotilla" in which thousands of Cubans began arriving in the United States. President Carter decided to accept all of them for humanitarian reasons. FEMA requested assistance from DOD, and DOD designated the Secretary of the Army as the Defense Executive Agent. On 7 May 1980, Department of the Army directed FORSCOM to establish a refugee center at Fort Chaffee, AR. Commander, III Corps Artillery, Fort Sill, OK, was designated commander of the Center at Fort Chaffee. By 23 May, a total of 19,041 Cuban refugees were being housed at Fort Chaffee. By 26 May, only 100 persons had been released to sponsors, and on 1 June, rioting occurred in the the compound. This required that more troops be deployed to Fort Chaffee. Fort Chaffee was later chosen as the long-term consolidation center for Cuban refugees. By 30 September 1980, Fort Chaffee had processed a total of 21,439 Cuban refugees.

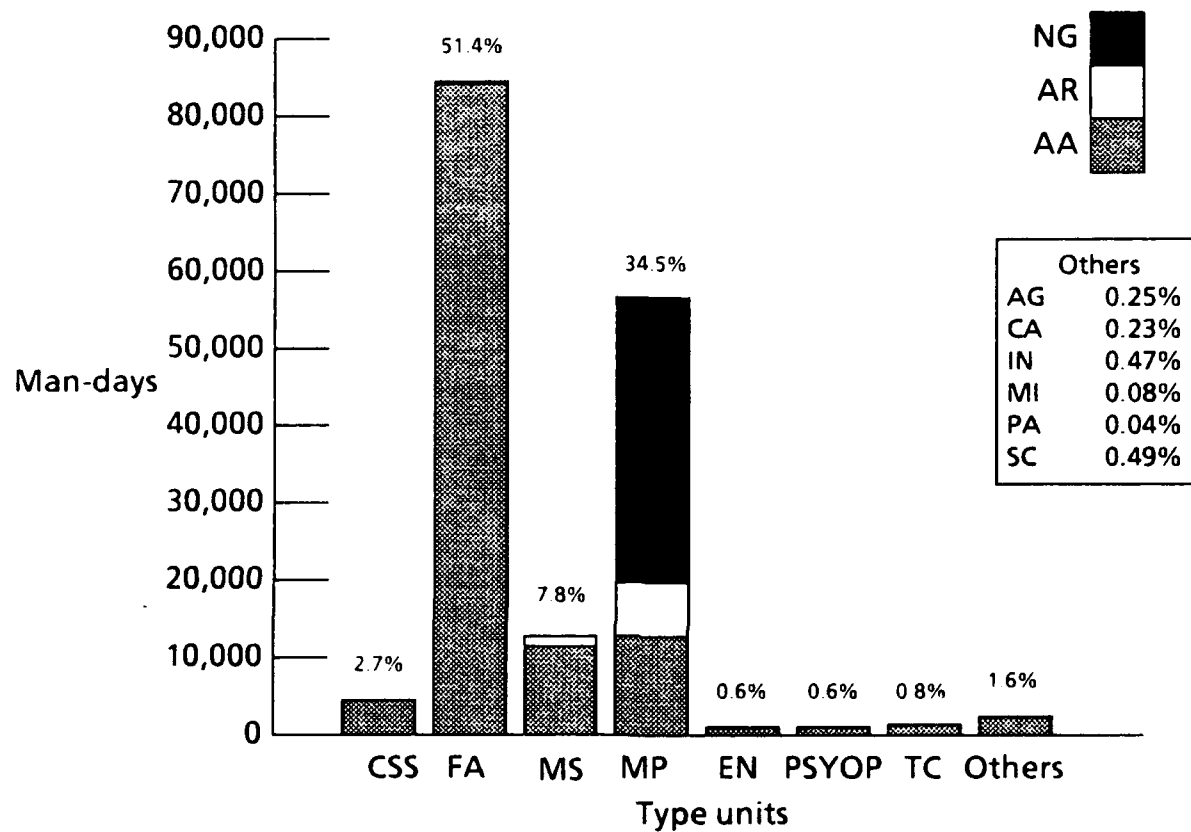


Figure 3-32. Cuban Resettlement Operations, Ft Chaffee, AR



● **Name of operation:** CUBAN RESETTLEMENT - FORT INDIANTOWN GAP, PA

**Employment period:** 13 May 80 - 27 Sep 80 (NG units were deployed from 14-17 days)

**Mission:** To establish, operate, and maintain a Cuban refugee center capable of housing and processing between 18,000 and 20,000 refugees

**Force composition:** See Figure 3-33

**Component:** Active Army, Army National Guard, and Army Reserve

**Man-day expenditure:** AA-3,587 personnel, 92,832 man-days; AR-1,235 personnel, 17,142 man-days; NG-1,647 personnel, 45,146 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** On 11 May 1980, just 3 days after the establishment of the refugee center at Fort Chaffee, FORSCOM directed First US Army to activate a Cuban alien processing center at Fort Indiantown Gap, PA. The Assistant Division Commander, 4th Infantry Division, Fort Carson, CO, was selected as center commander. On 18 May, the first Cuban refugees arrived at Fort Indiantown Gap, and by 27 Sep, a total of 19,094 refugees had been processed into the center. As of this date, only 2,901 refugees remained at the installation, and they were processed for resettlement or transferred to Fort Chaffee, which had been designated as the long-term refugee center.

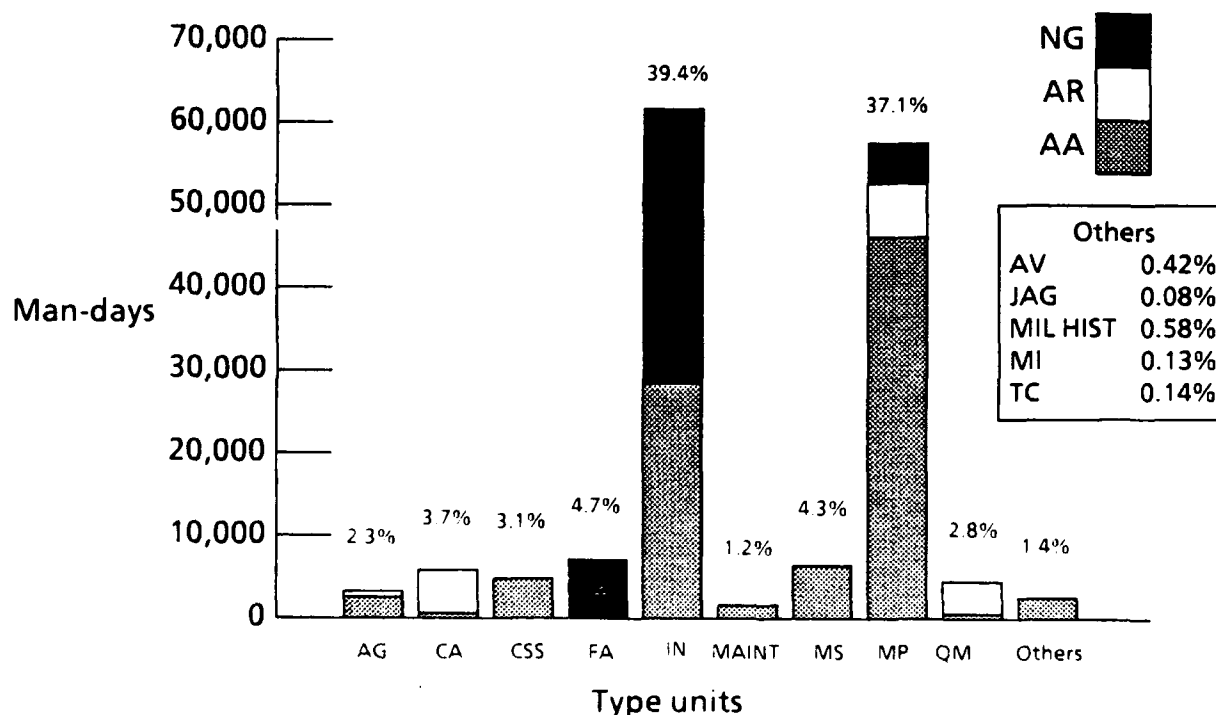


Figure 3-33. Cuban Refugee Operations, Ft Indiantown Gap, PA

• **Name of operation:** CUBAN RESETTLEMENT - FORT MC COY, WI

**Employment period:** 18 May 80 - 27 Sep 80 (AR and NG units were typically deployed for 14-17 days; some NG units up to 35 day)s

**Mission:** To establish, maintain, and operate a Cuban refugee center capable of housing and processing 15,000 refugees

**Force composition:** See Figure 3-34

**Component:** Active Army, Army National Guard, and Army Reserve

**Man-day expenditure:** AA-1,618 personnel, 217,560 man-days; AR-135 personnel, 20,100 man-days; NG-732 personnel, 10,248 man-days

**Mode of deployment:** Personnel and equipment by air and road

**Summary:** On 16 May 1980, the Department of the Army received information that Fort McCoy, WI, had been selected as an installation to open a Cuban refugee center. On 20 May, the Division Artillery Commander, 9th Infantry Division, Fort Lewis, WA, was selected as refugee center commander. Operational control of the center was assigned to Fifth US Army. The first refugees arrived at Fort McCoy on 29 May, and between that date and 24 Sep 80, a total of 14,360 Cuban refugees were processed through the center. On 30 September, Fort McCoy had a residual population of 1,869 Cuban refugees who would be processed for resettlement or transferred to Fort Chaffee.

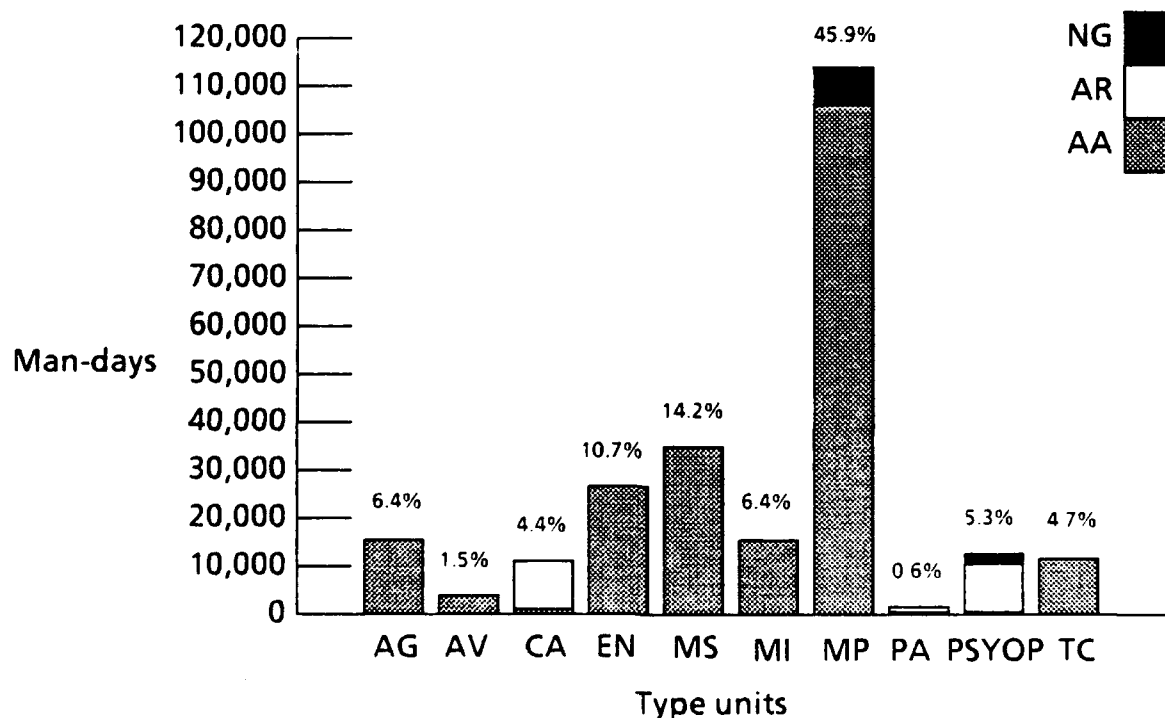


Figure 3-34. Cuban Refugee Operations, Ft McCoy, WI

## CHAPTER 4

### OVERALL RESULTS

**4-1. GENERAL.** This chapter discusses the analysis of each operational category and the force employments as a whole. The total man-days documented for OCONUS operations was 7,252,794 (see Table 4-1) and for CONUS operations 2,117,448 (see Table 4-2). The total for all operations was 9,370,242 man-days. The numbers in parenthesis represent the numbers of events in each category.

**Table 4-1. OCONUS Operations**

Operational category	Total man-days	Percent of OCONUS operation	Percent of grand total	Figure
Combat Operations (3)	516,024	7.1	5.5	4-1
Peacekeeping Operations (1)	2,812,589	38.8	30.0	4-2
Show of Force (1)	44,366	0.6	0.5	4-3
Security Augmentation (6)	1,027,984	14.2	11.0	4-4
Nation Building (7)	2,052,296	28.3	21.9	4-5
Humanitarian Assistance (4)	799,535	11.0	8.5	4-6
Total OCONUS (22)	7,252,794	100.0	77.4	4-7

**Table 4-2. CONUS Operations**

Operational category	Total number of man-days	Percent of CONUS operation	Percent of grand total	Figure
Disaster Assistance (18)	445,609	21.0	4.8	4-8
Support to Law Enforcement (4)	255,573	12.1	2.7	4-9
Refugee Resettlement (5)	1,416,266	66.9	15.1	4-10
Total CONUS (27)	2,117,448	100.0	22.6	4-11

a. Figures 4-1 through 4-11 show the total man-days for each type unit for the operational category indicated. Type unit participation of 1 percent or greater is depicted on associated bar charts; those less than 1 percent are summed in the "Others" column of chart. No attempt has been made

to show the component for each branch because this data was not available for all operations.

b. Of the 49 cases studied, 22 instances were OCONUS operations. With the exception of Task Force CROSBY - Gander, Newfoundland, and Target Acquisition Battery - Lebanon, all OCONUS force operations have been centered in Latin America/Caribbean and the Pacific.

c. Army involvement in disaster assistance operations can be traced back to the post-Civil War era when Union troops were used in reconstruction activities. Appendix F gives a brief history of the Army's involvement in disaster assistance activities and shows the breadth of this involvement. Army operations (for other than combat) in lesser developed nations date back to the 18th and 19th century, employing the experience of Army engineer and medical personnel in support of nation building and humanitarian assistance. The present emphasis on Latin America is not accidental, but augments United States strategic policies for low intensity conflict (LIC) areas.

d. The 1970s showed little involvement of US forces in support of OCONUS strategic initiatives in the Western Hemisphere. Military planners had turned away from LIC and refocused priorities on the protection of Western Europe. Revolution in Nicaragua and political instability in El Salvador brought the attention of some military and strategic thinkers back to the Western Hemisphere and low intensity conflict thinking.

e. By the middle of the 1980s, Army Reserve and Army National Guard units began training in Latin America under the overseas deployment training (ODT) program in conjunction with Joint Chief of Staff (JCS)-sponsored training exercises. These exercises, which cannot be duplicated within the boundaries of the continental United States, provide Reserve Components realistic training and are an excellent measure of their ability to deploy to distant regions. Additionally, these exercises allow units to exercise their support systems (much as would be required in a combat environment) and build esprit de corps within the units.

f. It must be emphasized that such training is also intended to provide tangible benefits for the host nations. Road building exercises in Panama, Honduras, and Ecuador with accompanying medical training have provided the majority of training in Latin America. Additionally, support units (military police, supply, maintenance, transportation, and others) have received invaluable training and experience in these exercises while protecting US personnel and strategic interests in these areas.

g. Appendices D and E contain data used to support this study. Appendix D documents those units participating in OCONUS operations, and Appendix E documents those units participating in CONUS operations. Missing data was not available or was classified.

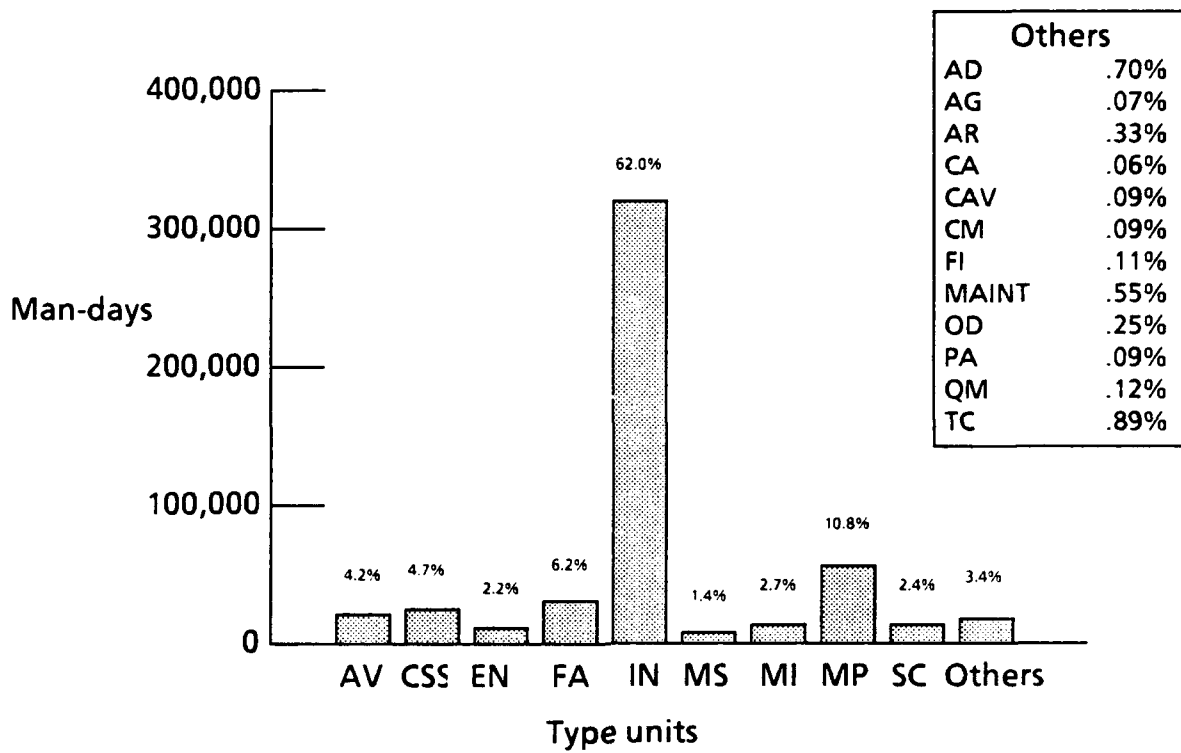


Figure 4-1. Combat Operations

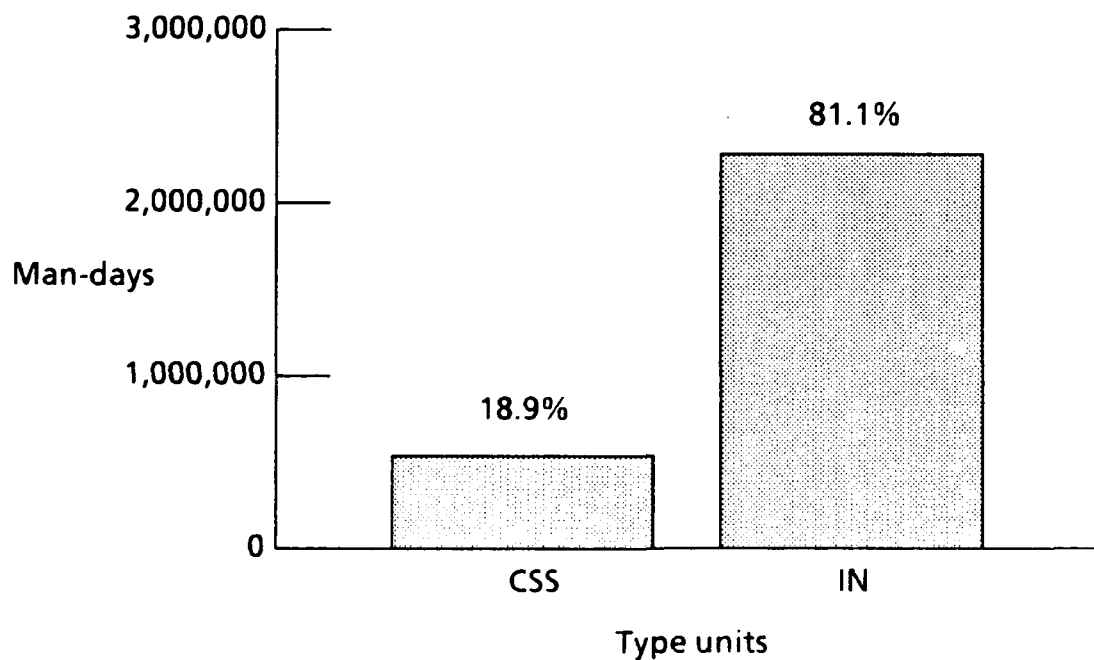


Figure 4-2. Peacekeeping

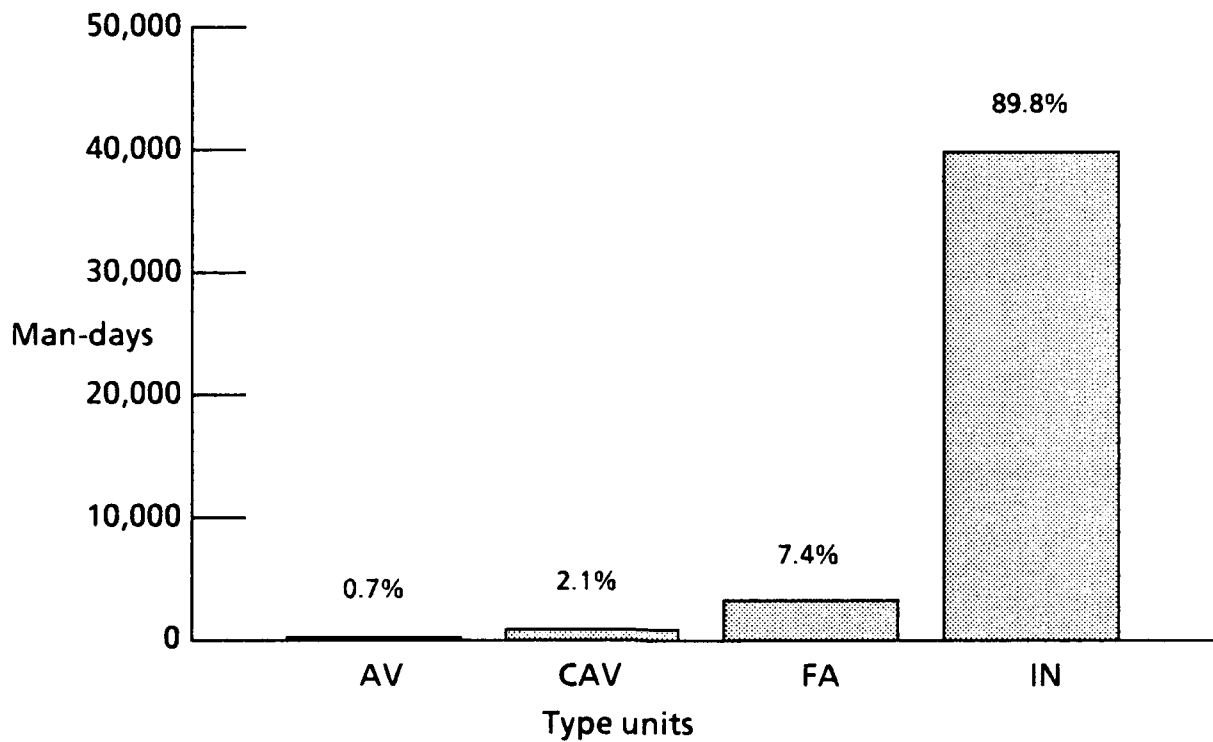


Figure 4-3. Show of Force

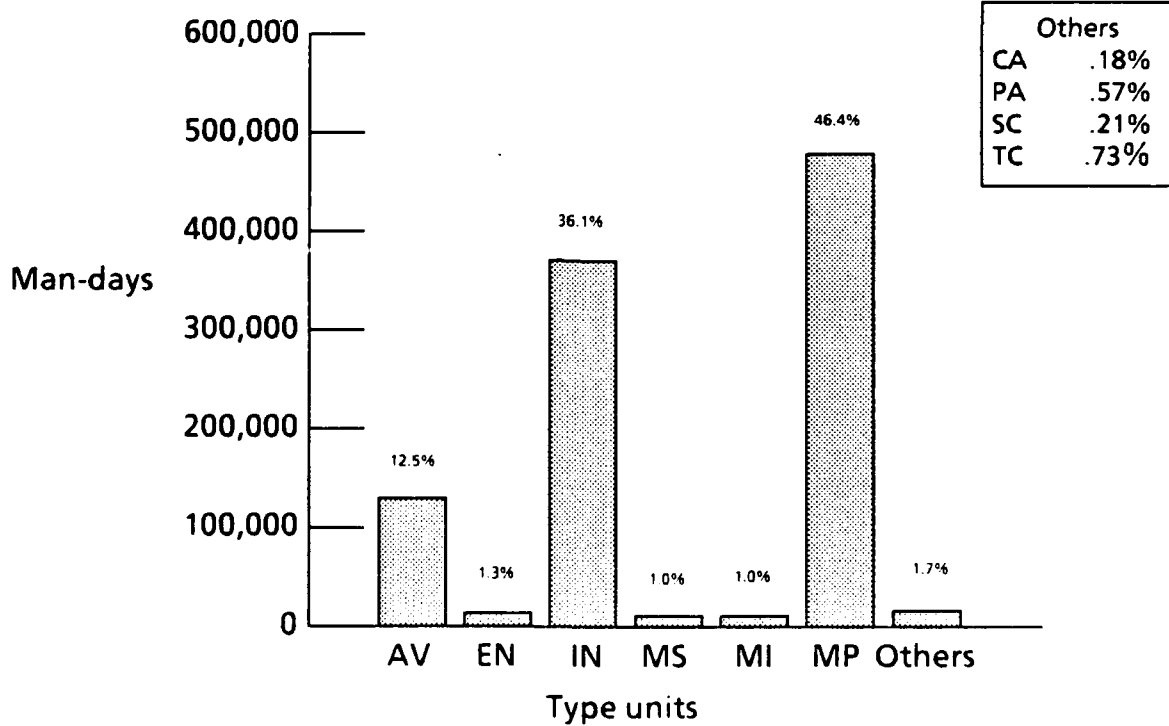


Figure 4-4. OCONUS Security Augmentation

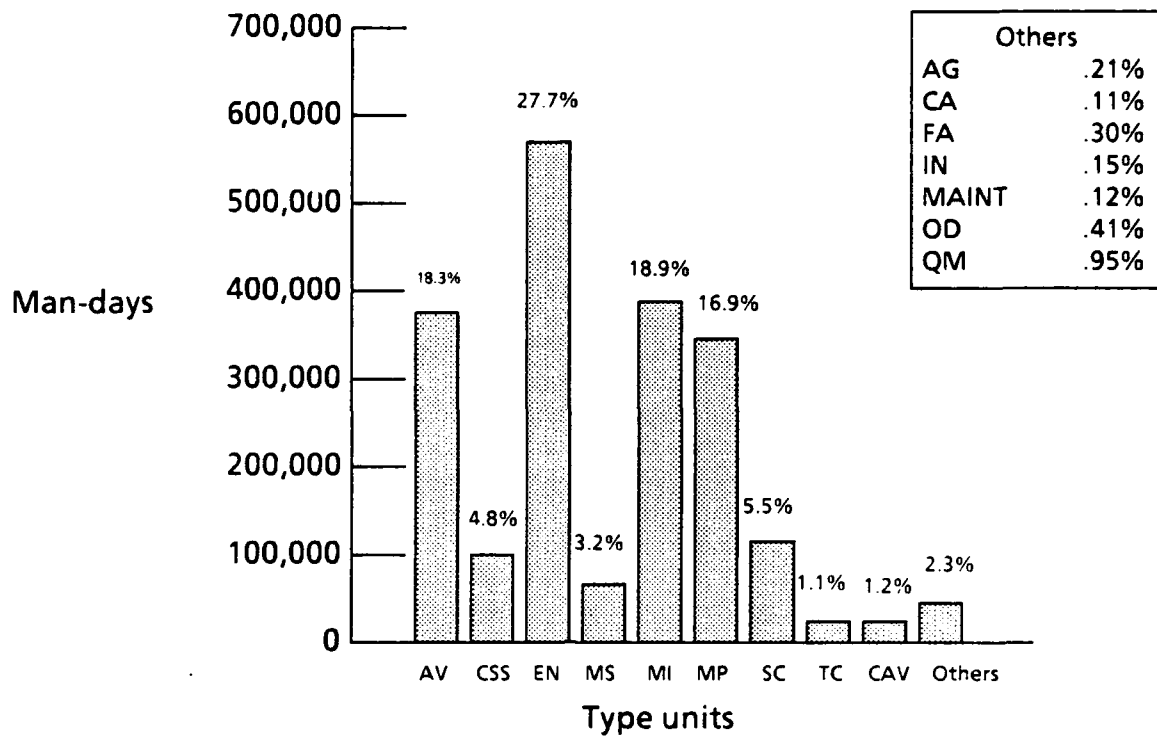


Figure 4-5. Nation Building and Operational Support

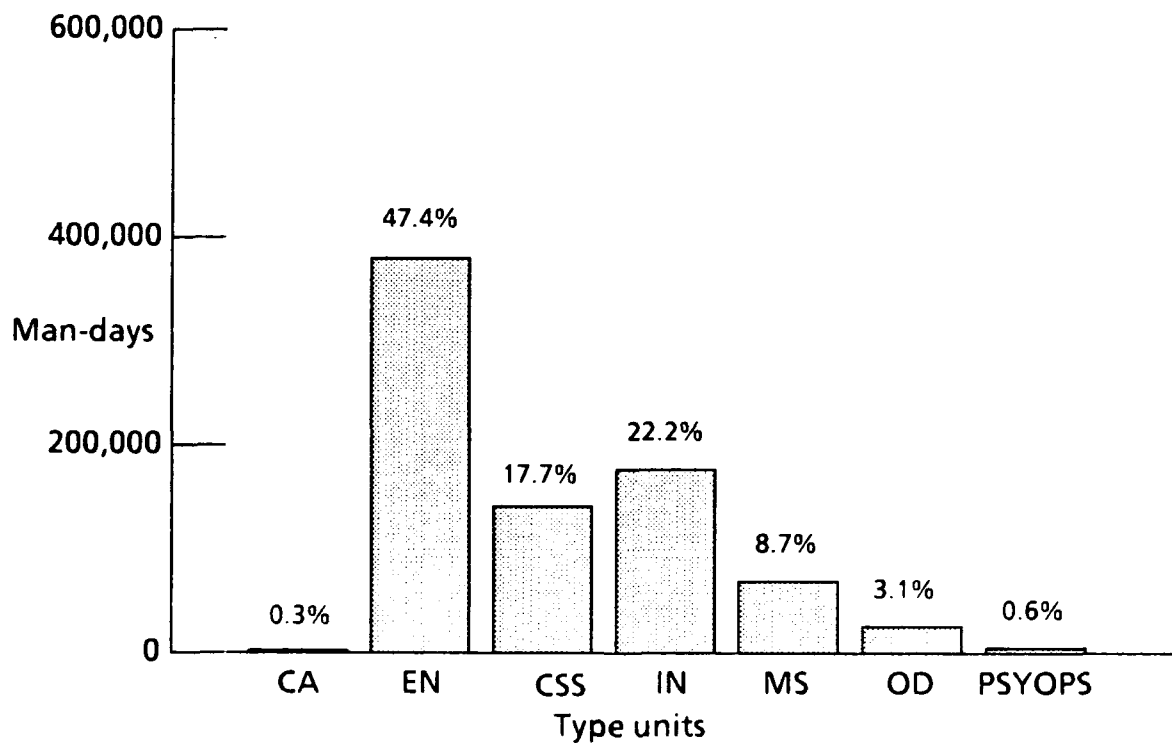


Figure 4-6. Humanitarian Assistance

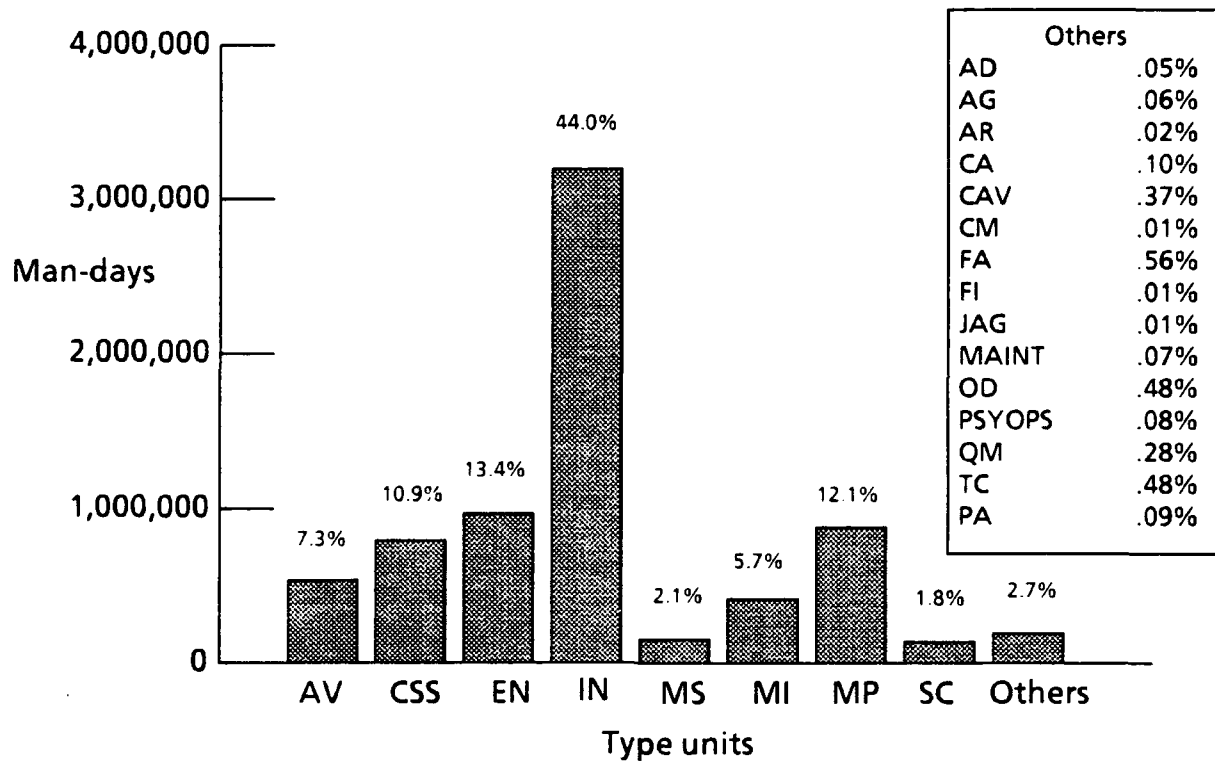


Figure 4-7. Total OCONUS Employments

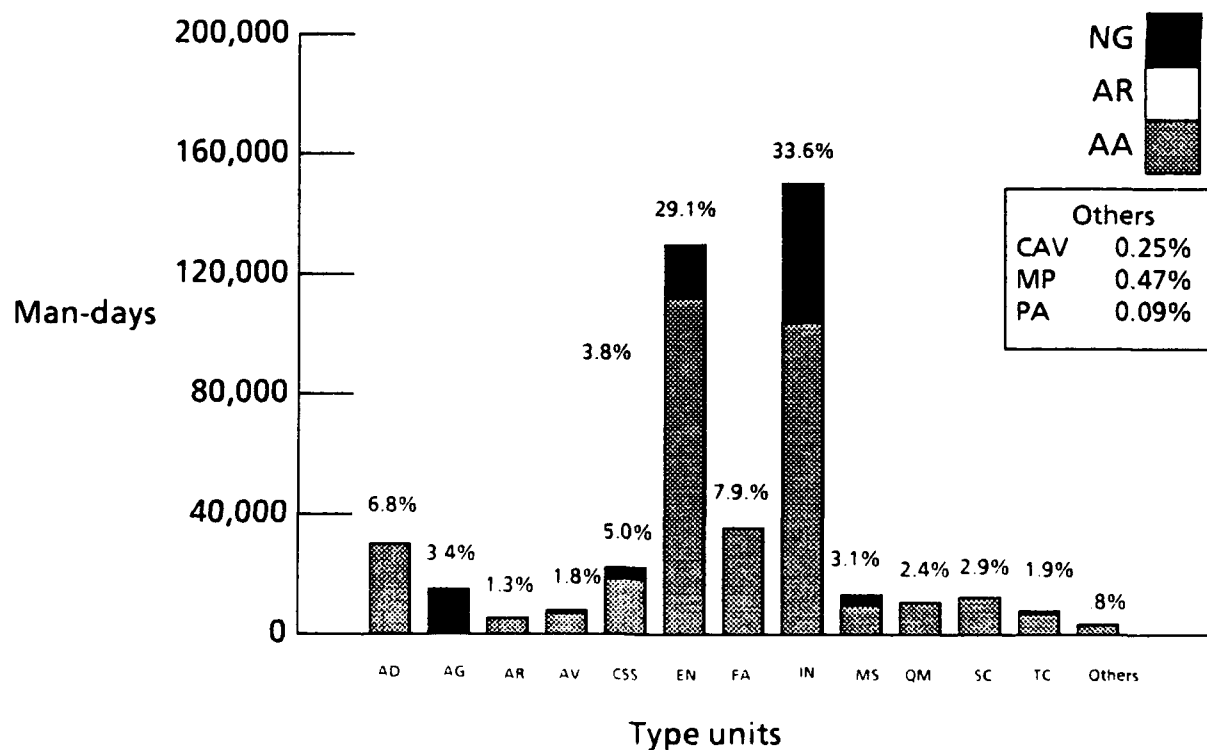


Figure 4-8. Disaster Assistance



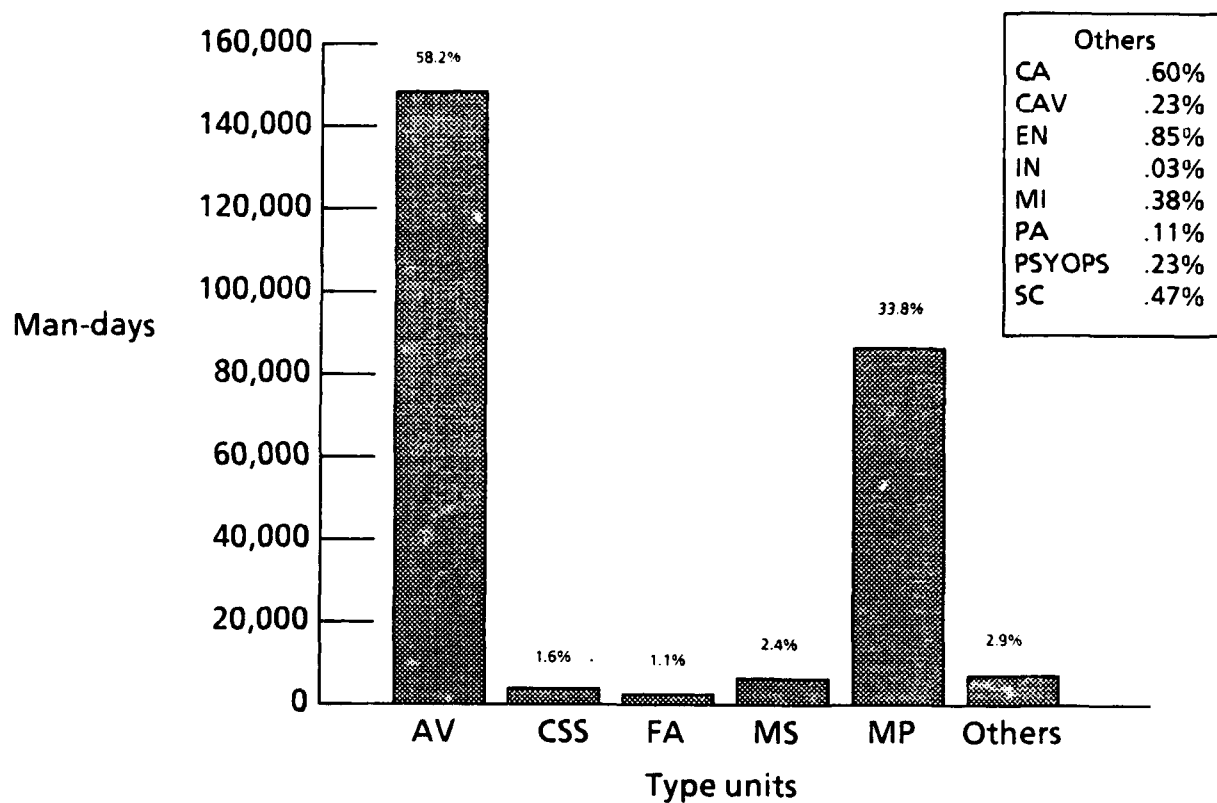


Figure 4-9. Support to Law Enforcement/Other Agencies

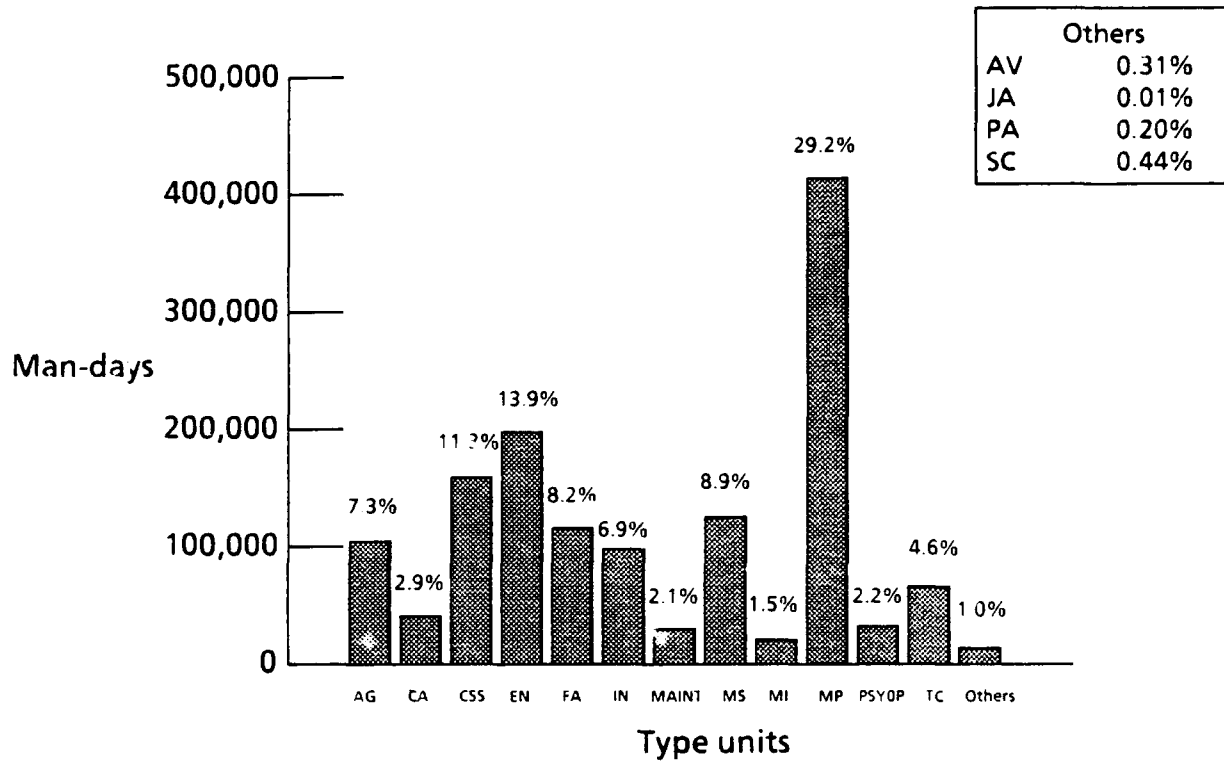


Figure 4-10. Refugee Resettlement Operations

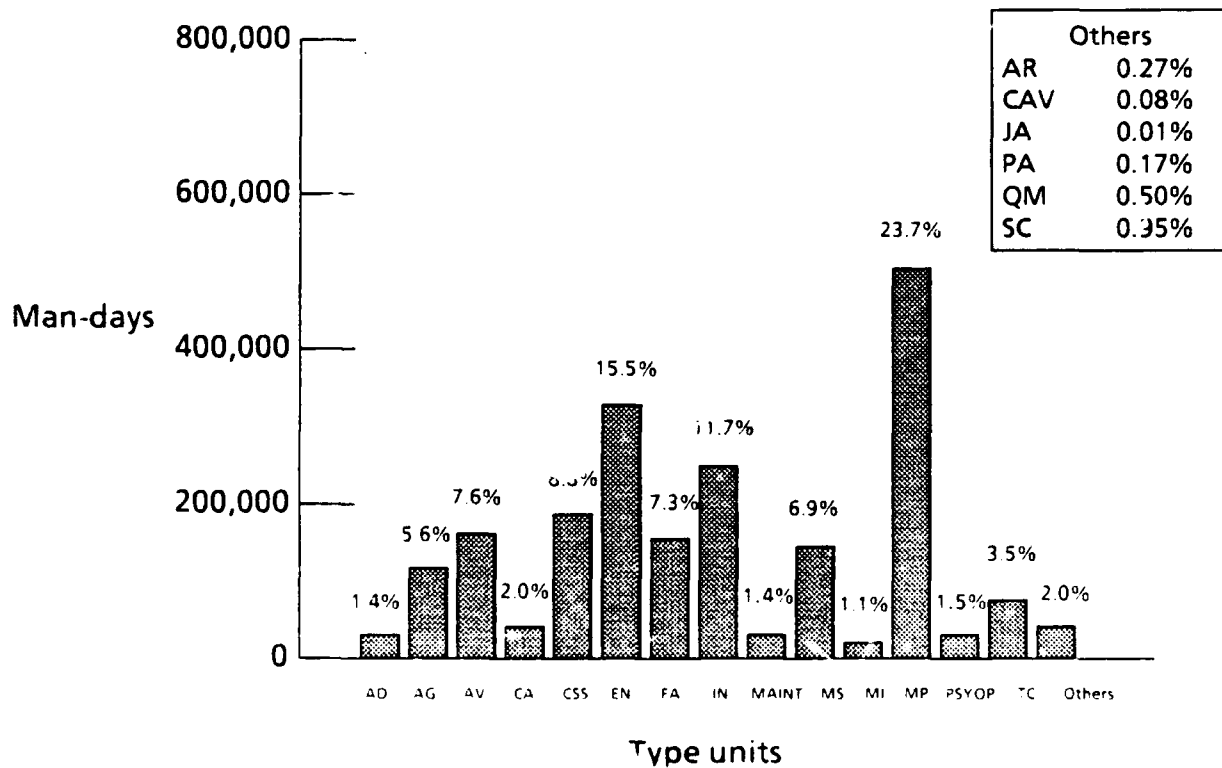


Figure 4-11. Total CONUS Employment

4-2. **MAN-DAYS EMPLOYED BY UNIT.** Table 4-3 shows the total number of man-days each type unit employed in both OCONUS and CONUS operations, along with the total percentage of participation for each type unit.

**Table 4-3. Man-days Employed by Unit**

Type unit	OCONUS man-days	CONUS man-days	Total man- days	Percent
AD	3,628	30,270	33,898	0.4
AG	4,527	118,220	121,996	1.3
AR	1,722	5,770	7,492	0.1
AV	553,119	160,897	687,235	7.3
CA	7,136	42,359	49,495	0.5
CSS	855,007	186,387	977,048	10.4
EN	972,115	328,383	1,300,498	13.9
FA	40,852	154,894	195,746	2.1
IN	3,192,292	247,338	3,439,630	36.7
MS	152,781	145,859	298,640	3.2
MI	411,897	22,229	434,126	4.6
MP	879,280	502,219	1,381,499	14.7
PSYOP	5,778	31,748	37,526	0.4
SC	129,420	20,128	149,548	1.6
Other	43,240	120,747	163,987	2.8
Total	7,252,794	2,117,448	9,370,242	100

**4-3. MAN-DAYS EMPLOYED BY COMPONENT.** Table 4-4 displays the number of man-days for each component of the Army by operational category. As the table indicates, not all components were represented in all operational categories. This may be a function of (1) the mobilization requirements needed to get Reserve Component units to the operational area, (2) the availability of skills required for the operation, or (3) the length of time for the operation. For example, the Multinational Force and Observers are normally employed for a 120-day period. It would be extremely hard for an RC unit to participate as a unit without Presidential authority for some type of call up of Reserves. Reserve Component units, however, have contributed greatly (a combined 32 percent) to Nation Building and Support. Here, RC units have been able to schedule activities well in advance and to assist in projects that are either of short duration (to accommodate the 2-week annual training period) or projects that can be divided into distinct segments such that the project can be readily handed off from one unit to another. Lack of National Guard participation may also be attributed to the limitation that operations must have 50 or more personnel.

Table 4-4. Summary of Man-days by Component

Operational category	Active Army	National Guard	Reserve	Total
<b>OCONUS</b>				
Combat Operations	516,024			516,024
Peacekeeping	2,812,589			2,812,589
Show of Force	44,366			44,366
Security Augmentation	914,909	78,103	34,972	1,027,984
Nation Building & Support	1,396,659	334,108	321,529	2,052,296
Humanitarian Asst	793,359		6,176	799,535
Subtotal	6,477,906	412,211	362,677	7,252,794
<b>CONUS</b>				
Disaster Assistance	366,4722	78,227	910	445,609
Support to Law Enforcement	252,511	3,062		255,573
Refugee Resettlement	1,250,444	92,876	72,946	1,416,266
Subtotal	1,869,427	174,165	73,856	2,117,448
<b>Total</b>	<b>8,347,333</b>	<b>586,376</b>	<b>436,533</b>	<b>9,370,242</b>

**4-4. NUMBER OF SOLDIERS DEPLOYING BY INSTALLATION.** Table 4-5 addresses EEA 8, "From what installation did each unit deploy?" It shows how many Active Army soldiers deployed from the respective installations in support of CONUS and OCONUS operations. The data did not reflect whether Reserve and National Guard deployment occurred from home station locations or from other locations. There is also nothing in the data to indicate why a particular installation or installations may have been selected to support an operation. It can be inferred, however, that the following factors were possible considerations: the types of skills required to support the operation, the quantity required for each skill, the availability of the skills, and the proximity of the skills to the area of operation (either in terms of physical location or time to deploy). Note that details on deployments from specific installations in Hawaii and Guam were not available.

a. In some cases, a single installation supported multiple operations, i.e., Ft Bragg supported 9 of the 22 OCONUS operations. A single installation may also support multiple operations simultaneously. Ft Bragg supported the OCONUS Multinational Force and Observers (20 Mar to present) and the CONUS OPERATION HAWKEYE (21 Sep 89 to 30 Oct 89) simultaneously.

b. In some cases, the skills required to support an operation may be unique to a particular installation. For example, the Ranger requirement for URGENT FURY could only come from one of three locations: Ft Lewis, Ft Stewart, or Ft Benning. Ft Stewart was selected to support URGENT FURY; the data does not state why this selection was made. It may be inferred that proximity and availability were the key factors.

c. The quantity required for a particular skill may exceed the capability of a single installation to support the requirement. In this case, multiple installations were used. For example, the medical requirements needed to support the INDOCHINESE REFUGEE RESETTLEMENT in Guam were provided from seven different installations (Forts Bragg, Ord, Sam Houston, Meade, Lewis, and Jackson, Tripler Army Medical Center, and Hawaii).

d. Use of the Army Reserve and Army National Guard to support OCONUS and CONUS operations appears to be based on availability (OCONUS) and proximity (CONUS).

Table 4-5. Number of Personnel Sent from Each Installation

Installation	Number
Ft Bragg, NC	30,733
Ft Ord, CA	9,823
Ft Campbell, KY	9,519
Ft Lewis, WA	8,108
Hawaii	5,078
Ft Sill, OK	3,938
Ft Benning, GA	2,885
Ft Hood, TX	2,658
Ft Riley, KS	2,507
Ft Monmouth, NJ	2,400
Ft Stewart, SC	1,932
Ft Carson, CO	1,862
Ft Meade, MD	1,853
Ft Huachuca, AZ	1,577
Ft Polk, LA	1,416
Ft Leonard Wood, MO	924
Ft Lee, VA	774
Guam	681
Ft Knox, KY	642
Ft Belvoir, VA	627
Presidio of San Francisco	563
Ft Bliss, TX	508
Ft Dix, NJ	405
Ft Drum, NY	403
Tripler Medical Center	327
Ft Wainwright, AK	282
Ft Sam Houston, TX	158
Ft Rucker, AL	150
Ft Chaffee, AR	103
Ft Devens, MA	91
Ft Eustis, VA	49
Ft McClellan, AL	36
Ft Myer, VA	35
Ft Clayton, Panama	32
Ft Davis, Panama	30
Ft Jackson, SC	26
Ft Monroe, VA	4
Ft McPherson, GA	3

**APPENDIX A**  
**STUDY CONTRIBUTORS**

**1. STUDY TEAM**

**a. Study Director**

LTC Clifton Headen, Jr., Chief, Model Validation Division through  
September 1990

MAJ Kern C. B. Wilson, Operation Officer, Model Validation Division

**b. Team Members**

LTC Michael Burchett, Chief, Model Validation Division

Ms. Adele G. Narva

**c. Other Contributors**

Ms. Tina H. Davis

Ms. Nancy M. Lawrence

**2. PRODUCT REVIEW BOARD**

Mr. Ronald J Iekel, Chairman

LTC Ralph E. Hagemann

CPT Stephen E. McGuire

## APPENDIX B

### STUDY DIRECTIVE



REPLY TO  
ATTENTION OF

DAMO-SSW

**DEPARTMENT OF THE ARMY**  
OFFICE OF THE DEPUTY CHIEF OF STAFF FOR OPERATIONS AND PLANS  
WASHINGTON, DC



10 JUN 1991

MEMORANDUM FOR DIRECTOR, U.S. ARMY CONCEPTS ANALYSIS AGENCY

SUBJECT: Force Employment Analysis Study

1. **PURPOSE OF STUDY DIRECTIVE.** This directive provides guidance for the conduct of the Force Employment Analysis Study.
2. **BACKGROUND.** Army force structure development has traditionally been based on being ready to perform in large theater campaigns, with up to three wars being fought at the same time. The changing world situation is reducing the likelihood of some of these large wars occurring as described in previous Defense Guidance scenarios. More attention is thus expected to be focused on the demands for the Army to participate in a wide range of missions required to support the National Objectives in peacetime and in small contingencies. An analysis of the actual employment of Army forces during the post-Vietnam period will provide a historical data base to supplement force requirements determination processes.
3. **STUDY SPONSOR AND SPONSOR'S STUDY DIRECTOR.** Director, Strategy, Plans, and Policy Directorate, Deputy Chief of Staff for Operations and Plans (ODCSOPS) is the study sponsor. Chief, War Plans Division, Strategy, Plans, and Policy Directorate, ODCSOPS, is the sponsor's study director.
4. **STUDY AGENCY.** U.S. Army Concepts Analysis Agency (CAA).
5. **TERMS OF REFERENCE.**
  - a. **Scope.**
    - (1) **Scenario:** The actual scenario used in the operation.
    - (2) **Theater:** Worldwide.



DAMO-SSW

SUBJECT: Force Employment Analysis Study

(3) Forces: This analysis will show the actual unit(s), personnel, and mission involved in each operation. In addition, it will show the composition of the force (active Army, Army National Guard, and/or Army Reserve) and the home station of the unit(s). The study will include Special Operations Forces (SOF).

b. Objective.

(1) Provide a data base which can be used as a reference by decision makers in future crises.

(2) Establish a data base which can be used for force structure analysis and aid in the design of future simulations and war games.

(3) Assess historical Army force employment requirements.

(4) Assess the impact of employing selected units to satisfy urgent requirements on the availability of these units in the force structure.

c. Timeframe. 1975 to 1990.

d. Assumptions. None.

e. Essential Elements of Analysis (EEA).

(1) What were the actual instances of Army force employment both in the continental United States and overseas during the period 1975 to 1990?

(2) What was the mission of the force in each situation?

(3) What was the composition of the force in each situation?

DAMO-SSW

SUBJECT: Force Employment Analysis Study

- (4) What component(s) of the Army did each force represent?
- (5) What was the actual employment period in each situation?
- (6) How quickly were the forces required to be in place?
- (7) How (mode) was each unit deployed?
- (8) From what installation did each unit deploy?
- (9) Were there unique decision factors that influenced the selection of particular units?
- (10) What were the constraining influences in the accomplishment of the missions, if any?
- (11) How do the various types of operations affect force structure requirements?

f. Environmental and Threat Guidance. None.

g. Estimated Cost Savings or Other Benefits. This study will provide senior decision makers with additional information to aid them in force structure and force employment decisions.

h. Limitations. None.

## 6. RESPONSIBILITIES.

a. ODCSOPS. Direct the overall study and provide assistance in gaining access to appropriate Army staff agencies and Major Army Commands during research.

b. CAA. Conduct the study in accordance with above listed references, this directive, and guidance from ODCSOPS.

DAMO-SSW

SUBJECT: Force Employment Analysis Study

7. LITERATURE SEARCH.

- a. After Action Reports on actual employment situation.
- b. Situation Reports on ongoing operations.
- c. Historical Summaries from ODCSOPS and other Army staff agencies.

8. REFERENCES.

- a. AR 5-5, Army Study and Analysis, 15 Oct 81.
- b. AR 5-14, Managing Analytical Support Services, 15 Oct 81.
- c. AR 10-38, United States Army Concepts Analysis Agency, 18 Dec 85.
- d. DA Pam 5-5, Guidance for Army Study Sponsors, Sponsor's Study Directors, Study Advisory Groups, and Contracting Officer Representatives, 1 Apr 82.

9. ADMINISTRATION.

- a. Deliverables: Briefing, draft report, final report.
- b. Control Procedures: POCs will meet, as a minimum, every other week and provide a backbrief on the meeting to the Director, CAA and the Chief, War Plans Division.
- c. CAA will prepare and submit DD Form 1498 and final study documents to DTIC.

DAMO-SSW

SUBJECT: Force Employment Analysis Study

## d. Milestones.

DATE	EVENT
15 Mar 90	Complete Data Collection
15 Apr 90	Complete Research
30 Apr 90	Conduct ARB
15 May 90	Brief Sponsor
8 Jun 90	Submit Draft Report
30 Jun 90	Submit Final Report

e. POCs. ODCSOPS: LTC Adelman, 694-7952. CAA: LTC Headen, 295-1005.



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## APPENDIX C

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## APPENDIX D

## OCONUS OPERATIONS

D-1. The following tables (D-1 through D-18) contain the supporting data for 18 of the 22 OCONUS deployments described in Chapter 3. BLAZING TRAILS - Ecuador, BLAZING TRAILS Honduras, FUERTES CAMINOS - North, and FUERTES CAMINOS - South are not included because of the classification of the data.

D-2. The column headings are defined as follows:

- Operation - the name of the force deployment
- Duration - the length of the operation in days
- Unit - the unit identification and its home station
- Type unit - a description of the unit type (i.e., IN, AR, EN, PA, ect.). CSS is a generic category used to describe logistical support units (i.e., supply and service (S&S), supply and transportation (S&T), forward support battalions/brigades, division support command (DISCOM) units and corps support command (COSCOM) units).
- Strength - the number of personnel in the deployed unit.
- Comp - Army component (Active Army (AA), National Guard (NG), or Army Reserve (AR)) of the deployed unit.
- Man-days - unit of measure depicting level of effort. Man-days are derived by multiplying strength by the length of time that the unit was deployed (end date - start date).
- Start date - the official beginning date of the operation. This date does not necessarily reflect the date that soldiers or units began training for the exercise or the soldiers were mobilized to participate in the operation.
- End date - the official ending date of the operation or the date when soldiers or units returned to home station

Table D-1. TARGET ACQUISITION BATTERY, Lebanon

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
TARGET ACQUISITION BTRY LE	124	BTRY C, 25th FA, FT SILL, OK	FA	33	AA	4092	83-08-13	83-12-15

Table D-2. URGENT FURY, Grenada  
(page 1 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
URGENT FURY GRENAD	10	3d BN, 4th AD, FT BRAGG, NC	AD	31	AA	310	83-10-24	83-11-03
URGENT FURY GRENAD	10	82d AVN BN, 82 ABN, FT BRAGG, NC	AV	217	AA	2170	83-10-24	83-11-03
URGENT FURY GRENAD	10	96th CA BN, FT BRAGG, NC	CA	32	AA	320	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st SQ, 17 CAV, FT BRAGG, NC	CAV	45	AA	450	83-10-24	83-11-03
URGENT FURY GRENAD	10	101 CHEM CO, 101st AA, FT BRAGG, NC	CM	46	AA	460	83-10-24	83-11-03
URGENT FURY GRENAD	10	82d ABN DIV MMC, 82 ABN, FT BRAGG, NC	CSS	6	AA	60	83-10-24	83-11-03
URGENT FURY GRENAD	10	407th SUP & SVC BN, 82 ABN, FT BRAGG, NC	CSS	27	AA	270	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 82d ABN DIV SUPCOM, FT BRAGG, NC	CSS	11	AA	110	83-10-24	83-11-03
URGENT FURY GRENAD	10	307th ENG BN, 82 ABN, FT BRAGG, NC	EN	78	AA	780	83-10-24	83-11-03
URGENT FURY GRENAD	10	618th ENG CO, 82 ABN, FT BRAGG, NC	EN	82	AA	820	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st BN, 319 FA, 82 ABN, FT BRAGG, NC	FA	42	AA	420	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st BN, 320th FA, 82 ABN, FT BRAGG, NC	FA	46	AA	460	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 82d ABN DIV ARTY, FT BRAGG, NC	FA	13	AA	130	83-10-24	83-11-03
URGENT FURY GRENAD	10	2nd BN, 75th INF, FT LEWIS, WA	IN	550	AA	5500	83-10-24	83-11-03
URGENT FURY GRENAD	10	2d BN, 325th INF, 82d ABN, FT BRAGG, NC	IN	461	AA	4610	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st BN, 75th INF, FT STEWART, GA	IN	550	AA	5500	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 3rd BDE, 82d ABN, FT BRAGG, NC	IN	42	AA	420	83-10-24	83-11-03
URGENT FURY GRENAD	10	2d BN, 508 INF, 82 ABN, FT BRAGG, NC	IN	661	AA	6610	83-10-24	83-11-03
URGENT FURY GRENAD	10	3d BN, 325th INF, 82d ABN, FT BRAGG, NC	IN	652	AA	6520	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st BN, 505th INF, 82d ABN, FT BRAGG, NC	IN	636	AA	6360	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st BN, 508th INF, 82d ABN, FT BRAGG, NC	IN	661	AA	6610	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 2d BDE, 82d ABN, FT BRAGG, NC	IN	34	AA	340	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, XVIII ABN CORPS, FT BRAGG, NC	IN	44	AA	440	83-10-24	83-11-03
URGENT FURY GRENAD	10	2d BN, 505th INF, 82d ABN, FT BRAGG, NC	IN	604	AA	6040	83-10-24	83-11-03



**Table D-2. URGENT FURY, Grenada**  
(page 2 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
URGENT FURY GRENAD	10	2d BN, 504th INF, 82d ABN, FT BRAGG, NC	IN	384	AA	3840	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 82d ABN DIV, FT BRAGG, NC	IN	94	AA	940	83-10-24	83-11-03
URGENT FURY GRENAD	10	782 MAINT BN, 82 ABN, FT BRAGG, NC	MAINT	40	AA	400	83-10-24	83-11-03
URGENT FURY GRENAD	10	313th MS BN, 82 ABN, FT BRAGG, NC	MS	36	AA	360	83-10-24	83-11-03
URGENT FURY GRENAD	10	307th MS BN, 82 ABN, FT BRAGG, NC	MS	34	AA	340	83-10-24	83-11-03
URGENT FURY GRENAD	10	57th MS DET, 1 COSCOM, FT BRAGG, NC	MS	17	AA	170	83-10-24	83-11-03
URGENT FURY GRENAD	10	5th MASH, 1 COSCOM, FT BRAGG, NC	MS	25	AA	250	83-10-24	83-11-03
URGENT FURY GRENAD	10	248th MS DET, 82 ABN, FT BRAGG, NC	MS	34	AA	340	83-10-24	83-11-03
URGENT FURY GRENAD	10	65th MP CO, FT BRAGG, NC	MP	130	AA	1300	83-10-24	83-11-03
URGENT FURY GRENAD	10	118th MP CO, FT BRAGG, NC	MP	92	AA	920	83-10-24	83-11-03
URGENT FURY GRENAD	10	82d MP CO, 82 ABN, FT BRAGG, NC	MP	82	AA	820	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 503d MP BN, 82d ABN DIV, FT BRAGG, NC	MP	46	AA	460	83-10-24	83-11-03
URGENT FURY GRENAD	10	21st MP CO, FT BRAGG, NC	MP	110	AA	1100	83-10-24	83-11-03
URGENT FURY GRENAD	10	1st PSYOPS BN, FT BRAGG, NC	PSYOP	30	AA	300	83-10-24	83-11-03
URGENT FURY GRENAD	10	HQ, 4th PSYOPS GP, FT BRAGG, NC	PSYOP	32	AA	320	83-10-24	83-11-03
URGENT FURY GRENAD	10	82d SIG BN, 82 ABN, FT BRAGG, NC	SC	49	AA	490	83-10-24	83-11-03
URGENT FURY GRENAD	10	403 TRANS DET, 1 COSCOM, FT BRAGG, NC	TC	10	AA	100	83-10-24	83-11-03

**Table D-3. JUST CAUSE, Panama**  
(page 1 of 4 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JUST CAUSE PANAMA	42	2d BN, 62d AD, 7 ID, FT ORD, CA	AD	54	AA	2268	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3d BN, 4th AD, 82d ABN, FT BRAGG, NC	AD	25	AA	1050	89-12-20	90-01-31
JUST CAUSE PANAMA	42	573d PERSSVC CO, 1 COSCOM, FT BRAGG, NC	AG	3	AA	126	89-12-20	90-01-31
JUST CAUSE PANAMA	42	129th POSTALCO, 1 COSCOM, FT BRAGG, NC	AG	6	AA	252	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3d BN, 73d AR, 82d ABN, FT BRAGG, NC	AR	41	AA	1722	89-12-20	90-01-31
JUST CAUSE PANAMA	42	82d AVN BDE, 82d ABN, FT BRAGG, NC	AV	44	AA	1848	89-12-20	90-01-31
JUST CAUSE PANAMA	42	18 AVN BDE, FT BRAGG, NC	AV	45	AA	1890	89-12-20	90-01-31
JUST CAUSE PANAMA	42	159 AVN CO, 1 COSCOM, FT BRAGG, NC	AV	25	AA	1050	89-12-20	90-01-31
JUST CAUSE PANAMA	42	7th ID AVN BDE, FT ORD, CA	AV	344	AA	14448	89-12-20	90-01-31
JUST CAUSE PANAMA	42	MHC, 1st COSCOM, FT BRAGG, NC	CSS	59	AA	2478	89-12-20	90-01-31
JUST CAUSE PANAMA	42	364th SUP&SVCCO, 1 COSCOM, FT BRAGG, NC	CSS	32	AA	1344	89-12-20	90-01-31

**Table D-3. JUST CAUSE, Panama**  
(page 2 of 4 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JUST CAUSE PANAMA	42	7 ID DIS COM, FT ORD, CA	CSS	373	AA	15666	89-12-20	90-01-31
JUST CAUSE PANAMA	42	406th GEN SPT CO, 1 COSCOM, FT BRAGG, NC	CSS	47	AA	1974	89-12-20	90-01-31
JUST CAUSE PANAMA	42	249th SUP CO, 1 COSCOM, FT BRAGG, NC	CSS	7	AA	294	89-12-20	90-01-31
JUST CAUSE PANAMA	42	259th FLD SVC CO, 1 COSCOM, FT BRAGG, NC	CSS	9	AA	378	89-12-20	90-01-31
JUST CAUSE PANAMA	42	2d MMC, 1 COSCOM, FT BRAGG, NC	CSS	10	AA	420	89-12-20	90-01-31
JUST CAUSE PANAMA	42	82d DIS COM, 82 ABN, FT BRAGG, NC	CSS	3	AA	126	89-12-20	90-01-31
JUST CAUSE PANAMA	42	C CO, 7th S&S BN, 7 ID, FT ORD, CA	CSS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	407th S&S BN, 82d ABN, FT BRAGG, NC	CSS	7	AA	294	89-12-20	90-01-31
JUST CAUSE PANAMA	42	B CO, 7th S&S BN, 7 ID, FT ORD, CA	CSS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	A CO 7th S&S CO, 7 ID, FT ORD, CA	CSS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	330th MMC, 1 COSCOM, FT BRAGG, NC	CSS	25	AA	1050	89-12-20	90-01-31
JUST CAUSE PANAMA	42	59th ENG CO, FT ORD, CA	EN		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	13th ENG BN, 7 ID, FT ORD, CA	EN	176	AA	7392	89-12-20	90-01-31
JUST CAUSE PANAMA	42	20th ENG BDE, FT BRAGG, NC	EN	1	AA	42	89-12-20	90-01-31
JUST CAUSE PANAMA	42	307th ENG BN, 82d ABN, FT BRAGG, NC	EN	56	AA	2352	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3 BN, 319th FA, 82d ABN, FT BRAGG, NC	FA	76	AA	3192	89-12-20	90-01-31
JUST CAUSE PANAMA	42	XVIII ABN CORPS ARTY, FT BRAGG, NC	FA	13	AA	546	89-12-20	90-01-31
JUST CAUSE PANAMA	42	DIV ARTY, 7 ID, FT ORD, CA	FA	539	AA	22638	89-12-20	90-01-31
JUST CAUSE PANAMA	42	XVIII ABN CORP SFI, FT BRAGG, NC	FI	13	AA	546	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 2 BDE, 7 ID, FT ORD, CA	IN	75	AA	3150	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 2d BDE, 82d ABN, FT BRAGG, NC	IN	2	AA	84	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 3 BDE, 82d ABN, FT BRAGG, NC	IN	6	AA	252	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 82d ABN DIV, FT BRAGG, NC	IN	22	AA	924	89-12-20	90-01-31
JUST CAUSE PANAMA	42	4th BN, 6th INF, FT POLK, LA	IN	726	AA	30492	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3 BN, 505th INF, 82d ABN, FT BRAGG, NC	IN	145	AA	6090	89-12-20	90-01-31
JUST CAUSE PANAMA	42	4th BN, 325 INF, 82d ABN, FT BRAGG, NC	IN	424	AA	17808	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, XVIII ABN CORPS, FT BRAGG, NC	IN	103	AA	4326	89-12-20	90-01-31
JUST CAUSE PANAMA	42	2d BN, 9th INF, 7 ID, FT ORD, CA	IN	470	AA	19740	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3d BN, 9th IN, 7 ID, FT ORD, CA	IN	461	AA	19362	89-12-20	90-01-31
JUST CAUSE PANAMA	42	5th BN, 21th INF, 7 ID, FT ORD, CA	IN	446	AA	18732	89-12-20	90-01-31

**Table D-3. JUST CAUSE, Panama**  
(page 3 of 4 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JUST CAUSE PANAMA	42	1st BN, 9th INF, 7 ID, 82d ABN, FT ORD, CA	IN	460	AA	19320	89-12-20	90-01-31
JUST CAUSE PANAMA	42	2d BN, 504th INF, 82d ABN, FT BRAGG, NC	IN	521	AA	21882	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 3d BDG, 7ID, FT ORD, CA	IN	46	AA	1932	89-12-20	90-01-31
JUST CAUSE PANAMA	42	1st BN, 504th INF, 82d ABN, FT BRAGG, NC	IN	521	AA	21882	89-12-20	90-01-31
JUST CAUSE PANAMA	42	4th BN, 17 INF, 7ID, FT ORD, CA	IN	726	AA	30492	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 8th REGT, 7ID, FT ORD, CA	IN	81	AA	3402	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 1st BDE, 82d ABN, FT BRAGG, NC	IN	22	AA	924	89-12-20	90-01-31
JUST CAUSE PANAMA	42	3d BN, 27th INF, 7ID, FT ORD, CA	IN	480	AA	20160	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 7ID, FT ORD, CA	IN	127	AA	5334	89-12-20	90-01-31
JUST CAUSE PANAMA	42	2d BN, 27th INF, 7ID, FT ORD, CA	IN	475	AA	19950	89-12-20	90-01-31
JUST CAUSE PANAMA	42	C CO, 707th MAINT BN, 7ID, FT ORD, CA	MAINT		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	189th MAINT CO, 1 COSCOM, FT BRAGG, NC	MAINT	1	AA	42	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHD 189th MAINT BN, FT ORD, CA	MAINT		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	A CO 707th MAINT BN, 7ID, FT ORD, CA	MAINT		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	58th LEM, 1 COSCOM, FT BRAGG, NC	MAINT	10	AA	420	89-12-20	90-01-31
JUST CAUSE PANAMA	42	B CO, 707th MAINT BN, 7ID, FT ORD, CA	MAINT		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	503d MAINT CO, 1 COSCOM, FT BRAGG, NC	MAINT	12	AA	504	89-12-20	90-01-31
JUST CAUSE PANAMA	42	659th MAINT CO, 1 COSCOM, FT BRAGG, NC	MAINT	5	AA	210	89-12-20	90-01-31
JUST CAUSE PANAMA	42	782d MAINT BN, 82d ABN, FT BRAGG, NC	MAINT	30	AA	1260	89-12-20	90-01-31
JUST CAUSE PANAMA	42	A CO 7th MS CO, 7ID, FT ORD, CA	MS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	C CO, 7th MS CO, 7ID, FT ORD, CA	MS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	7th MS BN, 1 COSCOM, FT BRAGG, NC	MS	7	AA	294	89-12-20	90-01-31
JUST CAUSE PANAMA	42	714th MS DET, 1 COSCOM, FT BRAGG, NC	MS	1	AA	42	89-12-20	90-01-31
JUST CAUSE PANAMA	42	32d MS SUM, 1 COSCOM, FT BRAGG, NC	MS	13	AA	546	89-12-20	90-01-31
JUST CAUSE PANAMA	42	307th MS BN, 82d ABN, FT BRAGG, NC	MS	22	AA	924	89-12-20	90-01-31
JUST CAUSE PANAMA	42	36th MS CO, 1 COSCOM, FT BRAGG, NC	MS	40	AA	1680	89-12-20	90-01-31
JUST CAUSE PANAMA	42	5th MASH, 1 COSCOM, FT BRAGG, NC	MS	13	AA	546	89-12-20	90-01-31
JUST CAUSE PANAMA	42	28th CBT SPT HOSP, 1 COSCOM, FT BRAGG, NC	MS	2	AA	84	89-12-20	90-01-31
JUST CAUSE PANAMA	42	257th MS DET, 1 COSCOM, FT BRAGG, NC	MS	2	AA	84	89-12-20	90-01-31
JUST CAUSE PANAMA	42	57th MS DET, 1 COSCOM, FT BRAGG, NC	MS	13	AA	546	89-12-20	90-01-31

**Table D-3. JUST CAUSE, Panama**  
(page 4 of 4 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JUST CAUSE PANAMA	42	8 CO., 7th MS BN, 7ID, FT ORD, CA	MS		AA	0	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 44 MS BDE, 1 COSCOM, FT BRAGG, NC	MS	17	AA	714	89-12-20	90-01-31
JUST CAUSE PANAMA	42	313 MI BN, 82d ABN, FT BRAGG, NC	MI	34	AA	1428	89-12-20	90-01-31
JUST CAUSE PANAMA	42	107th MI BN, 7ID, FT ORD, CA	MI	111	AA	4662	89-12-20	90-01-31
JUST CAUSE PANAMA	42	525th MI BDE, FT BRAGG, NC	MI	185	AA	7770	89-12-20	90-01-31
JUST CAUSE PANAMA	42	209th MP BN, FT MEADE, MD	MP	115	AA	4830	89-12-20	90-01-31
JUST CAUSE PANAMA	42	519th MP BN, FT MEADE, MD	MP	43	AA	1806	89-12-20	90-01-31
JUST CAUSE PANAMA	42	7th MP CO, 7ID, FT ORD, CA	MP	88	AA	3696	89-12-20	90-01-31
JUST CAUSE PANAMA	42	555th MP CO, FT LEE, VA	MP	120	AA	5040	89-12-20	90-01-31
JUST CAUSE PANAMA	42	503d MP BN, FT BRAGG, NC	MP	45	AA	1890	89-12-20	90-01-31
JUST CAUSE PANAMA	42	511th MP BN, FT DRUM, NY	MP	112	AA	4704	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHC, 16th MP BDE, FT BRAGG, NC	MP	60	AA	2520	89-12-20	90-01-31
JUST CAUSE PANAMA	42	988th MP BN, FT BENNING, GA	MP	110	AA	4620	89-12-20	90-01-31
JUST CAUSE PANAMA	42	401st MP BN, FT HOOD, TX	MP	135	AA	5670	89-12-20	90-01-31
JUST CAUSE PANAMA	42	82d MP CO, 82d ABN, FT BRAGG, NC	MP	71	AA	2982	89-12-20	90-01-31
JUST CAUSE PANAMA	42	108th MP CO, FT BRAGG, NC	MP	115	AA	4830	89-12-20	90-01-31
JUST CAUSE PANAMA	42	21st MP CO, FT BRAGG, NC	MP	105	AA	4410	89-12-20	90-01-31
JUST CAUSE PANAMA	42	65th MP CO, FT BRAGG, NC	MP	101	AA	4242	89-12-20	90-01-31
JUST CAUSE PANAMA	42	8th ORD CO, 1 COSCOM, FT BRAGG, NC	OD	31	AA	1302	89-12-20	90-01-31
JUST CAUSE PANAMA	42	11th PAO, FT POLK, LA	PA	11	AA	462	89-12-20	90-01-31
JUST CAUSE PANAMA	42	18th QM PLT, 1 COSCOM, FT BRAGG, NC	QM	9	AA	378	89-12-20	90-01-31
JUST CAUSE PANAMA	42	612th QM CO, 1 COSCOM, FT BRAGG, NC	QM	6	AA	252	89-12-20	90-01-31
JUST CAUSE PANAMA	42	35th SIG BDE, FT BRAGG, NC	SC	155	AA	6510	89-12-20	90-01-31
JUST CAUSE PANAMA	42	82d SIG BN, 82d ABN, FT BRAGG, NC	SC	29	AA	1218	89-12-20	90-01-31
JUST CAUSE PANAMA	42	127th SIG BN, 7ID, FT ORD, CA	SC	108	AA	4536	89-12-20	90-01-31
JUST CAUSE PANAMA	42	403d TRANS CO, 1 COSCOM, FT BRAGG, NC	TC	39	AA	1638	89-12-20	90-01-31
JUST CAUSE PANAMA	42	HHD, 7th TRANS BN, 1 COSCOM, FT BRAGG, NC	TC	2	AA	84	89-12-20	90-01-31
JUST CAUSE PANAMA	42	546th TRANS CO, 1 COSCOM, FT BRAGG, NC	TC	36	AA	1512	89-12-20	90-01-31
JUST CAUSE PANAMA	42	126th TRANS CO, 1 COSCOM, FT BRAGG, NC	TC	30	AA	1260	89-12-20	90-01-31

Table D-4. MULTINATIONAL FORCE

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MULTINATIONAL FORCE	184	1 COSCOM, FT BRAGG, NC	CSS	356	AA	65503	82-03-01	82-09-01
MULTINATIONAL FORCE	184	1 COSCOM, FT BRAGG, NC	CSS	356	AA	65503	84-07-01	85-01-01
MULTINATIONAL FORCE	122	1 COSCOM, FT BRAGG, NC	CSS	356	AA	43431	82-09-01	83-01-01
MULTINATIONAL FORCE	182	1 COSCOM, FT BRAGG, NC	CSS	356	AA	64791	84-01-01	84-07-01
MULTINATIONAL FORCE	181	1 COSCOM, FT BRAGG, NC	CSS	356	AA	64435	85-01-01	85-07-01
MULTINATIONAL FORCE	153	1 COSCOM, FT BRAGG, NC	CSS	356	AA	54467	85-07-01	85-12-01
MULTINATIONAL FORCE	184	1 COSCOM, FT BRAGG, NC	CSS	356	AA	65503	83-07-01	84-01-01
MULTINATIONAL FORCE	181	1 COSCOM, FT BRAGG, NC	CSS	356	AA	64435	83-01-01	83-07-01
MULTINATIONAL FORCE	121	1 COSCOM, FT BRAGG, NC	CSS	356	AA	43075	85-12-01	86-04-01
MULTINATIONAL FORCE	184	2-327 INF, 101st AA, FT CAMPBELL, KY	IN	1000	AA	184000	93-07-01	84-01-01
MULTINATIONAL FORCE	184	4-187 INF, 101st AA, FT CAMPBELL, KY	IN	1000	AA	184000	84-07-01	85-01-01
MULTINATIONAL FORCE	181	3-327 INF, 101st AA, FT CAMPBELL, KY	IN	549	AA	106247	86-11-01	87-05-01
MULTINATIONAL FORCE	184	5-21 INF, 7th ID, FT ORD, CA	IN	549	AA	108008	87-05-01	87-11-01
MULTINATIONAL FORCE	181	2-508 INF, 82d ABN, FT BRAGG, NC	IN	1000	AA	181000	83-01-01	83-07-01
MULTINATIONAL FORCE	184	1-505 INF, 82d ABN, FT BRAGG, NC	IN	808	AA	184000	82-03-01	82-09-01
MULTINATIONAL FORCE	184	3-9th INF, 7ID, FT ORD, CA	IN	549	AA	108008	89-03-01	89-09-01
MULTINATIONAL FORCE	182	1-325 INF, 82d ABN, FT BRAGG, NC	IN	1000	AA	182000	84-01-01	84-07-01
MULTINATIONAL FORCE	153	3-502 INF, 101st AA, FT CAMPBELL, KY	IN	1000	AA	153000	85-07-01	85-12-01
MULTINATIONAL FORCE	181	2-505th INF, 82d ABN, FT BRAGG, NC	IN	549	AA	106247	89-09-01	90-03-01
MULTINATIONAL FORCE	121	3-60 INF, 9th ID, FT LEWIS, WA	IN	587	AA	71027	85-12-01	86-04-01
MULTINATIONAL FORCE	122	1-502 INF, 101st AA, FT CAMPBELL, KY	IN	1000	AA	122000	82-09-01	83-01-01
MULTINATIONAL FORCE	151	1-187th INF, 101st AA, FT CAMPBELL, KY	IN	549	AA	88637	88-10-01	89-03-01
MULTINATIONAL FORCE	152	2-325th INF, 82d ABN, FT BRAGG, NC	IN	549	AA	89224	87-11-01	88-04-01
MULTINATIONAL FORCE	183	3-47th INF, 9ID, FT LEWIS, WA	IN	549	AA	107421	88-04-01	88-10-01
MULTINATIONAL FORCE	214	2-504 INF, 82d ABN, FT BRAGG, NC	IN	549	AA	125618	86-04-01	86-11-01
MULTINATIONAL FORCE	181	1-504 INF, 82d ABN, FT BRAGG, NC	IN	1000	AA	181000	85-01-01	85-07-01

Table D-5. GOLDEN PHEASANT, Honduras

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
GOLDEN PHEASANT HONDURAS	14	DET. 3-73rd AT, FT BRAGG, NC	AV	23	AA	322	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	DET. 1-17th CAV, FT BRAGG, NC	CAV	66	AA	924	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	B BTRY. 6-8th FA BN, FT ORD, CA	FA	130	AA	1820	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	3-319th FA BN, 82d ABN, FT BRAGG, NC	FA	106	AA	1484	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	3-27th INF BN, 7th ID, FT ORD, CA	IN	609	AA	8526	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	1-504th INF BN, 82d ABN, FT BRAGG, NC	IN	643	AA	9002	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	2-504th INF BN, 82d ABN, FT BRAGG, NC	IN	662	AA	9268	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	2-27th INF BN, 7th ID, FT ORD, CA	IN	582	AA	8148	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	HHC, XVIII ABN CORPS, FT BRAGG, NC	IN	44	AA	616	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	ASSAULT CP, HQ 82d ABN DIV, FT BRAGG, NC	IN	94	AA	1316	88-03-17	88-03-31
GOLDEN PHEASANT HONDURAS	14	1-8DE, 82d ABN, FT BRAGG, NC	IN	210	AA	2940	88-03-17	88-03-31

Table D-6. MP ODT, Philippines

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MP ODT PHILIPPINES	14	351 CA CO CA	CA	50	AR	700	86-12-07	86-12-21
MP ODT PHILIPPINES	15	411 ENG BN HI	EN	177	AR	2655	88-03-05	88-03-20
MP ODT PHILIPPINES	15	411 EN BN HI	EN	160	AR	2400	88-03-19	88-04-03
MP ODT PHILIPPINES	20	130 IN BN IL	IN	80	NG	1600	88-04-09	88-04-29
MP ODT PHILIPPINES	20	28 IN BN PA	IN	72	NG	1440	88-01-30	88-02-19
MP ODT PHILIPPINES	20	130 IN BN IL	IN	80	NG	1600	88-03-26	88-04-15
MP ODT PHILIPPINES	29	130 IN BN IL	IN	80	NG	2320	88-03-12	88-04-10
MP ODT PHILIPPINES	13	130 IN BN IL	IN	80	NG	1040	87-11-07	87-11-20
MP ODT PHILIPPINES	20	810 MP CO FL	MP	68	AR	1360	87-01-31	87-02-20
MP ODT PHILIPPINES	20	805 MP CO NC	MP	68	AR	1360	87-02-28	87-03-20
MP ODT PHILIPPINES	14	339 MP CO IL	MP	96	AR	1344	89-03-04	89-03-18
MP ODT PHILIPPINES	21	822 MP CO IL	MP	96	AR	2016	89-11-18	89-12-09
MP ODT PHILIPPINES	20	341 MP CO CA	MP	68	AR	1360	87-04-11	87-05-01
MP ODT PHILIPPINES	20	348 MP CO CA	MP	54	AR	1080	87-03-28	87-04-17
MP ODT PHILIPPINES	11	814 MP CO IL	MP	96	AR	1056	89-02-04	89-02-15
MP ODT PHILIPPINES	21	447 MP CO OH	MP	96	AR	2016	89-10-21	89-11-11
MP ODT PHILIPPINES	22	438 MP CO AZ	MP	12	AR	240	87-03-28	87-04-17
MP ODT PHILIPPINES	14	805 MP CO NC	MP	68	AR	952	87-02-14	87-02-28
MP ODT PHILIPPINES	21	213 MP CO NC	MP	96	NG	2016	89-01-21	89-02-11
MP ODT PHILIPPINES	18	200 MP CO MD	MP	96	NG	1728	89-11-07	89-11-25
MP ODT PHILIPPINES	20	855 MP CO AZ	MP	72	NG	1440	87-10-24	87-11-13
MP ODT PHILIPPINES	22	229 MP CO VA	MP	96	NG	2112	89-02-18	89-03-12
MP ODT PHILIPPINES	13	970 MP CO CO	MP	96	NG	1248	89-10-07	89-10-20
MP ODT PHILIPPINES	21	210 MP CO NC	MP	68	NG	1428	86-11-11	86-12-02
MP ODT PHILIPPINES	23	217 MP CO AL	MP	68	NG	1564	87-04-25	87-05-18
MP ODT PHILIPPINES	21	351 MP CO FL	MP	68	NG	1428	87-01-17	87-02-07
MP ODT PHILIPPINES	7	217 MP CO AL	MP	68	NG	476	87-01-03	87-01-10
MP ODT PHILIPPINES	20	223 MP CO KY	MP	72	NG	1440	87-09-26	87-10-16
MP ODT PHILIPPINES	15	210 MP CO NC	MP	68	NG	1020	86-12-08	86-12-23
MP ODT PHILIPPINES	21	217 MP CO AL	MP	68	NG	1428	86-11-25	86-12-16

**Table D-7. MP ODT, Panama**  
(page 1 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MP ODT PANAMA	14	222 PA CO CA	CA	29	AR	406	87-01-31	87-02-14
MP ODT PANAMA	16	769 ENG BN LA	EN	52	NG	832	89-01-27	89-02-12
MP ODT PANAMA	15	115 ENG CO UT	EN	35	NG	525	88-06-03	88-06-18
MP ODT PANAMA	15	1249 ENG BN OR	EN	35	NG	525	88-05-20	88-06-04
MP ODT PANAMA	15	1457 ENG BN UT	EN	35	NG	525	88-06-03	88-06-18
MP ODT PANAMA	15	115 ENG CO UT	EN	57	NG	855	88-05-06	88-05-21
MP ODT PANAMA	10	265 ENG CO GA	EN	45	NG	450	86-10-25	86-11-04
MP ODT PANAMA	16	527 ENG BN LA	EN	52	NG	832	89-02-24	89-03-12
MP ODT PANAMA	15	265 ENG CO GA	EN	45	NG	675	86-10-11	86-10-26
MP ODT PANAMA	16	528 ENG BN LA	EN	52	NG	832	89-01-13	89-01-29
MP ODT PANAMA	16	205 ENG CO LA	EN	52	NG	832	89-02-10	89-02-26
MP ODT PANAMA	14	529 ENG BN LA	EN	52	NG	728	89-03-11	89-03-25
MP ODT PANAMA	12	265 ENG CO GA	EN	25	NG	300	86-10-17	86-10-29
MP ODT PANAMA	20	87 IN BN CO	IN	501	AR	10020	87-08-08	87-08-28
MP ODT PANAMA	14	29 IN BN VA	IN	650	NG	9100	89-07-01	89-07-15
MP ODT PANAMA	13	373 MS DET MA	MS	21	AR	273	89-10-15	89-10-28
MP ODT PANAMA	12	819 MS CO CT	MS	11	AR	132	89-02-05	89-02-17
MP ODT PANAMA	14	404 MS DET AR	MS	63	AR	882	87-03-12	87-03-26
MP ODT PANAMA	14	858 MS HSP CA	MS	28	AR	392	88-07-09	88-07-23
MP ODT PANAMA	14	145 MS CO OK	MS	53	NG	742	87-11-05	87-11-19
MP ODT PANAMA	14	927 MS CO FL	MS	55	NG	770	88-09-03	88-09-17
MP ODT PANAMA	14	159 MS HOSP LA	MS	55	NG	770	88-01-07	88-01-21
MP ODT PANAMA	13	159 MS HSP LA	MS	63	NG	819	87-07-23	87-08-05
MP ODT PANAMA	14	245 MS CO OK	MS	40	NG	560	89-05-11	89-05-25
MP ODT PANAMA	14	245 MS CO OK	MS	40	NG	560	89-05-11	89-05-25
MP ODT PANAMA	14	508 MS CO IL	MS	120	NG	1680	88-06-09	88-06-23
MP ODT PANAMA	13	144 MS HOSP UT	MS	63	NG	819	87-08-27	87-09-09
MP ODT PANAMA	14	367 PA DET OH	MH	13	NG	182	89-03-11	89-03-25
MP ODT PANAMA	13	322 MIL HIST DET AL	MIL H	3	AR	39	89-10-15	89-10-28



**Table D-7. MP ODT, Panama**  
(page 2 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MP ODT PANAMA	14	322 MIL HIST DET AL	MIL H	3	AR	42	89-04-08	89-04-22
MP ODT PANAMA	14	307 MP CO PA	MP	30	AR	420	87-08-08	87-08-22
MP ODT PANAMA	12	320 MP CO FL	MP	42	AR	504	88-12-26	89-01-07
MP ODT PANAMA	14	301 MP CO RI	MP	45	AR	630	88-10-01	88-10-15
MP ODT PANAMA	14	445 MP CO OK	MP	45	NG	630	88-10-29	88-11-12
MP ODT PANAMA	33	114 MP CO MS	MP	44	NG	1452	89-03-27	89-04-29
MP ODT PANAMA	14	45 MP DET OK	MP	55	NG	770	88-04-02	88-04-16
MP ODT PANAMA	45	220 MP CO CO	MP	38	NG	1710	89-08-02	89-09-16
MP ODT PANAMA	16	205 MP DET MD	MP	19	NG	304	89-12-21	90-01-06
MP ODT PANAMA	14	205 MP CO MO	MP	45	NG	630	89-11-11	89-11-25
MP ODT PANAMA	14	162 MP CO MS	MP	44	NG	616	89-06-24	89-07-08
MP ODT PANAMA	43	45 MP DET OK	MP	55	NG	2365	88-02-19	88-04-02
MP ODT PANAMA	14	220 MP CO CO	MP	38	NG	532	89-08-05	89-08-19
MP ODT PANAMA	14	220 MP CO CO	MP	38	NG	532	89-08-19	89-09-02
MP ODT PANAMA	14	220 MP CO CO	MP	38	NG	532	89-09-16	89-09-30
MP ODT PANAMA	14	114 MP CO MS	MP	44	NG	616	89-04-01	89-04-15
MP ODT PANAMA	14	113 MP CO MS	MP	44	NG	616	89-05-13	89-05-27
MP ODT PANAMA	14	445 MP CO OK	MP	45	NG	630	89-03-18	89-04-01
MP ODT PANAMA	14	45 MP DET OK	MP	55	NG	770	88-03-05	88-03-19
MP ODT PANAMA	22	257 MP CO MN	MP	45	NG	990	89-02-10	89-03-04
MP ODT PANAMA	14	205 MP CO MO	MP	45	NG	630	89-10-28	89-11-11
MP ODT PANAMA	14	162 MP CO MS	MP	44	NG	616	89-07-22	89-08-05
MP ODT PANAMA	16	51 MP DET SC	MP	48	NG	768	87-10-02	87-10-18
MP ODT PANAMA	14	223 MP CO KY	MP	46	NG	644	88-01-23	88-02-06
MP ODT PANAMA	14	114 MP CO MS	MP	44	NG	616	89-04-29	89-05-13
MP ODT PANAMA	13	205 MP DET MD	MP	45	NG	585	89-10-01	89-10-14
MP ODT PANAMA	16	51 MP DET SC	MP	48	NG	768	87-10-30	87-11-15
MP ODT PANAMA	16	51 MP CO SC	MP	44	NG	704	87-11-13	87-11-29
MP ODT PANAMA	16	445 MP CO OK	MP	45	NG	720	89-03-04	89-03-20
MP ODT PANAMA	16	51 MP CO SC	MP	52	NG	832	88-01-08	88-01-24
MP ODT PANAMA	14	257 MP CO MN	MP	45	NG	630	89-02-04	89-02-18
MP ODT PANAMA	16	101 PA DET OE	PA	13	NG	208	89-10-21	89-11-06

Table D-7. MP ODT, Panama  
(page 3 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MP ODT PANAMA	14	223 MP CO KY	MP	46	NG	644	88-02-06	88-02-20
MP ODT PANAMA	16	51 MP CO SC	MP	43	NG	688	87-11-27	87-12-13
MP ODT PANAMA	15	51 MP CO SC	MP	49	NG	735	87-12-26	88-01-10
MP ODT PANAMA	12	257 MP CO MN	MP	45	NG	540	88-12-26	89-01-07
MP ODT PANAMA	14	205 MP CO MO	MP	45	NG	630	89-10-14	89-10-28
MP ODT PANAMA	14	257 MP CO MN	MP	45	NG	630	89-01-07	89-01-21
MP ODT PANAMA	14	113 MP CO MS	MP	44	NG	616	89-06-10	89-06-24
MP ODT PANAMA	14	358 PA DET JT	PA	13	AR	182	89-04-01	89-04-15
MP ODT PANAMA	14	340 PA CO NY	PA	29	AR	406	87-02-14	87-02-28
MP ODT PANAMA	14	222 PA DET CA	PA	27	AR	378	89-02-11	89-02-25
MP ODT PANAMA	14	345 PA DET TX	PA	13	AR	182	88-05-14	88-05-28
MP ODT PANAMA	14	203 PA DET KS	PA	13	AR	182	88-03-19	88-04-02
MP ODT PANAMA	20	209 PA DET GA	PA	29	AR	580	88-06-26	88-07-16
MP ODT PANAMA	13	340 PA DET NY	PA	29	AR	377	88-04-03	88-04-16
MP ODT PANAMA	14	209 PA DET GA	PA	29	AR	406	87-06-27	87-07-11
MP ODT PANAMA	14	120 PA DET IN	PA	13	NG	182	89-05-13	89-05-27
MP ODT PANAMA	14	128 PA DET UT	PA	13	NG	182	89-02-18	89-03-04
MP ODT PANAMA	14	70 PA DET MO	PA	13	NG	182	88-12-03	88-12-17
MP ODT PANAMA	14	382 PA DET NC	PA	13	NG	182	88-01-09	88-01-23
MP ODT PANAMA	16	117 PA DET HI	PA	13	NG	208	89-11-10	89-11-26
MP ODT PANAMA	16	102 PA DET MS	PA	13	NG	208	87-06-12	87-06-28
MP ODT PANAMA	14	136 PA DET NM	PA	12	NG	182	88-04-12	88-04-16
MP ODT PANAMA	14	343 PA DET AR	PA	13	NG	182	88-04-16	88-04-30
MP ODT PANAMA	12	125 PA DET MN	PA	13	NG	156	89-12-09	89-12-21
MP ODT PANAMA	47	121 PA DET ME	PA	13	NG	611	87-07-07	87-08-23
MP ODT PANAMA	13	222 PA DET CA	PA	24	NG	312	88-02-28	88-03-12
MP ODT PANAMA	16	134 PA DET AK	PA	13	NG	208	87-09-18	87-10-04
MP ODT PANAMA	14	108 PA DET SC	PA	12	NG	168	89-06-05	89-06-19

Table D-8. TASK FORCE HAWK, Panama

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
TASK FORCE HAWK PANAMA	122	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	24400	89-03-01	89-07-01
TASK FORCE HAWK PANAMA	123	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	24600	89-07-01	89-11-01
TASK FORCE HAWK PANAMA	120	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	24000	88-11-01	89-03-01
TASK FORCE HAWK PANAMA	39	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	9800	89-11-01	89-12-20
TASK FORCE HAWK PANAMA	105	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	21000	88-03-18	88-07-01
TASK FORCE HAWK PANAMA	123	AVN UNITS, 70 D FT ORD, CA	AV	200	AA	24600	88-07-01	88-11-01

Table D-9. MP &amp; LOG ASST-Panama

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MP & LOG ASST PANAMA	145	36TH CA BN, FT BRAGG, NC	CA	5	AA	725	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	659TH MS BN, FT BRAGG, NC	MS	2	AA	290	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	429TH MS BN, FT BRAGG, NC	MS	3	AA	435	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	49TH MS BN, FT BRAGG, NC	MS	12	AA	1740	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	16TH MI BN, FT BRAGG, NC	MI	30	AA	4350	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	525TH MI BN, FT BRAGG, NC	MI	42	AA	6090	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	293RD MP CO, FT MEADE, MD	MP	123	AA	17835	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	108TH MP CO, FT BRAGG, NC	MP	137	AA	19865	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	65TH MP CO, FT BRAGG, NC	MP	148	AA	21460	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	209TH MP CO, FT MEADE, MD	MP	128	AA	18560	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	519TH MP BN, FT MEADE, MD	MP	40	AA	5800	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	113TH MP CO, FT BRAGG, NC	MP	141	AA	20445	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	HQ, 16TH MP BDE, FT BRAGG, NC	MP	46	AA	6670	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	503RD MP BN, FT BRAGG, NC	MP	56	AA	8120	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	503RD MAINT BN, 313 ARVN, FT BRAGG, NC	MP	5	AA	725	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	215TH MP CO, FT BRAGG, NC	MP	146	AA	21170	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	112TH LOG BN, FT BRAGG, NC	LC	15	AA	2175	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	410TH LOG BN, 10TH ARVN, FT BRAGG, NC	LC	41	AA	5945	88-03-18	88-08-10
MP & LOG ASST PANAMA	145	11TH LOG BN, 313 ARVN, FT BRAGG, NC	LC	11	AA	1595	88-03-18	88-08-10

Table D-10. MP ASST-Panama

Operation	Duration	Unit	Type Unit	Strength	Comp	Man-days	Start date	End date
MP ASST - PANAMA	121	977th MP CO, FT RILEY, KS	MP	139	AA	16819	88-12-01	89-04-01
MP ASST - PANAMA	71	571st MP CO, FT ORD, CA	MP	115	AA	8165	88-09-21	88-12-01
MP ASST - PANAMA	44	118th MP CO, FT BRAGG, NC	MP	107	AA	4708	88-08-08	88-09-21
MP ASST - PANAMA	44	571st MP CO, FT ORD, CA	MP	111	AA	4884	88-08-08	88-09-21
MP ASST - PANAMA	74	988th MP CO, FT BENNING, GA	MP	110	AA	8191	89-12-15	90-02-27
MP ASST - PANAMA	74	209th MP CO, FT MEADE, MD	MP	115	AA	8564	89-12-15	90-02-27
MP ASST - PANAMA	74	555th MP CO, FT LEE, VA	MP	120	AA	8936	89-12-15	90-02-27
MP ASST - PANAMA	44	HQ, 39th MP BDE, FT HOOD, TX	MP	46	AA	2024	88-08-08	88-09-21
MP ASST - PANAMA	74	511th MP CO, FT DRUM, NY	MP	112	AA	8340	89-12-15	90-02-27
MP ASST - PANAMA	121	979th MP CO, FT BLISS, TX	MP	136	AA	16456	88-12-01	89-04-01
MP ASST - PANAMA	121	463d MP CO, FT LEONARD WOOD, MO	MP	146	AA	17666	88-12-01	89-04-01
MP ASST - PANAMA	71	984th MP CO, FT CARSON, CO	MP	145	AA	10295	88-09-21	88-12-01
MP ASST - PANAMA	121	716th MP BN, FT RILEY, KS	MP	30	AA	3630	88-12-01	89-04-01
MP ASST - PANAMA	44	984th MP CO, FT CARSON, CO	MP	140	AA	6160	88-08-08	88-09-21
MP ASST - PANAMA	136	170th MP CO, FT LEWIS, WA	MP	131	AA	17816	89-08-01	89-12-15
MP ASST - PANAMA	136	401st MP CO, FT HOOD, TX	MP	135	AA	18360	89-08-01	89-12-15
MP ASST - PANAMA	136	108th MP CO, FT BRAGG, NC	MP	136	AA	18496	89-08-01	89-12-15
MP ASST - PANAMA	74	519th MP BN, FT MEADE, MD	MP	43	AA	3202	89-12-15	90-02-27
MP ASST - PANAMA	44	293rd MP CO, FT MEADE, MD	MP	133	AA	5852	88-08-08	88-09-21
MP ASST - PANAMA	44	209th MP CO, FT MEADE, MD	MP	135	AA	5940	88-08-08	88-09-21
MP ASST - PANAMA	44	519th MP BN, FT MEADE, MD	MP	43	AA	1892	88-08-08	88-09-21
MP ASST - PANAMA	44	410th MP CO, FT HOOD, TX	MP	145	AA	6380	88-08-08	88-09-21
MP ASST - PANAMA	122	437th MP CO, FT BELVOIR, VA	MP	126	AA	15372	89-04-01	89-08-01
MP ASST - PANAMA	136	504th MP BN, FT LEWIS, WA	MP	43	AA	5848	89-08-01	89-12-15
MP ASST - PANAMA	71	410th MP CO, FT HOOD, TX	MP	145	AA	10295	88-09-21	88-12-01
MP ASST - PANAMA	71	759th MP BN, FT CARSON, CO	MP	37	AA	2627	88-09-21	88-12-01
MP ASST - PANAMA	122	65th MP CO, FT BRAGG, NC	MP	152	AA	18544	89-04-01	89-08-01
MP ASST - PANAMA	122	411th MP CO, FT HOOD, TX	MP	131	AA	15982	89-04-01	89-08-01
MP ASST - PANAMA	122	720th MP BN, FT HOOD, TX	MP	46	AA	5612	89-04-01	89-08-01
MP ASST - PANAMA	44	759th MP BN, FT CARSON, CO	MP	46	AA	2024	88-08-08	88-09-21

Table D-11. NIMROD DANCER II

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
NIMROD DANCER	222	HHC, 9th RGT, 7ID, FT ORD, CA	IN	81	AA	17982	89-05-12	89-12-20
NIMROD DANCER	222	2nd BN, 9th INF, 7ID, FT ORD, CA	IN	360	AA	79920	89-05-12	89-12-20
NIMROD DANCER	222	4th BN, 16th INF, 5ID, FT POLK, LA	IN	726	AA	161172	89-05-12	89-12-20
NIMROD DANCER	222	1st BN, 9th INF, 7ID, FT ORD, CA	IN	380	AA	84360	89-05-12	89-12-20

Table D-12. JTF BRAVO, Honduras  
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Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JTF BRAVO HONDURAS	120	196th AVN CO, FT BRAGG, NC	AV	27	AA	3240	86-11-01	87-03-01
JTF BRAVO HONDURAS	109	1st AVN BN, 1 ID, FT RILEY, KS	AV	194	AA	21146	84-11-12	85-03-01
JTF BRAVO HONDURAS	109	4th AVN BN, 4ID, FT CARSON, CO	AV	31	AA	3379	84-11-12	85-03-01
JTF BRAVO HONDURAS	120	502d AVN BN, 2 AD, FT HOOD, TX	AV	196	AA	23520	85-11-01	86-03-01
JTF BRAVO HONDURAS	122	210th ABN BN, 193rd INF BDE, PM	AV	27	AA	3294	85-03-01	85-07-01
JTF BRAVO HONDURAS	123	AVN BDE, 101st AA, FT CAMPBELL, KY	AV	225	AA	27675	88-07-01	88-11-01
JTF BRAVO HONDURAS	122	159th AVN BN, 101 AAD, FT CAMPBELL, KY	AV	29	AA	3538	86-03-01	86-07-01
JTF BRAVO HONDURAS	120	159th AVN BN, 101 AAD, FT CAMPBELL, KY	AV	31	AA	3720	85-11-01	86-03-01
JTF BRAVO HONDURAS	122	7th BN, 101st AVN, FT CAMPBELL, KY	AV	196	AA	23912	87-03-01	87-07-01
JTF BRAVO HONDURAS	122	24th AVN BN, 24ID, FT STEWART, GA	AV	198	AA	24156	86-03-01	86-07-01
JTF BRAVO HONDURAS	123	CO B, 132nd AVN BN, FT STEWART, GA	AV	39	AA	4797	87-07-01	87-11-01
JTF BRAVO HONDURAS	121	CO B, 1st BN, 159th AVN, FT BRAGG, NC	AV	110	AA	13310	87-11-01	88-03-01
JTF BRAVO HONDURAS	120	1 BN, 159 AVN, FT BRAGG, NC	AV	225	AA	27000	88-11-01	89-03-01
JTF BRAVO HONDURAS	123	CO D, 24th AVN BDE, FT STEWART, GA	AV	120	AA	14760	87-07-01	87-11-01
JTF BRAVO HONDURAS	123	1st AVN BN, 1ID, FT RILEY, KS	AV	194	AA	23862	86-07-01	86-11-01
JTF BRAVO HONDURAS	123	4th AVN BN, 4ID, FT CARSON, CO	AV	186	AA	22878	85-07-01	85-11-01
JTF BRAVO HONDURAS	122	AVN BDE, 101st AA, FT CAMPBELL, KY	AV	225	AA	27450	89-03-01	89-07-01
JTF BRAVO HONDURAS	122	CO C, 214 AVN BN, FT LEWIS, WA	AV	31	AA	3782	88-03-01	88-07-01
JTF BRAVO HONDURAS	122	2 BN, 9th AVN, 9ID, FT LEWIS, WA	AV	212	AA	25864	88-03-01	88-07-01
JTF BRAVO HONDURAS	123	132d AVN CO, 24ID, FT STEWART, GA	AV	31	AA	3813	86-07-01	86-11-01
JTF BRAVO HONDURAS	123	CO C, 214 AVN BN, FT LEWIS, WA	AV	27	AA	3321	89-07-01	89-11-01
JTF BRAVO HONDURAS	120	19th AVN SPT CO, 1 CAV DIV, FT HOOD, TX	AV	196	AA	23520	86-11-01	87-03-01
JTF BRAVO HONDURAS	123	2 BN, 9th AVN, 9ID, FT LEWIS, WA	AV	183	AA	22509	89-07-01	89-11-01
JTF BRAVO HONDURAS	123	6th CAV BDE, FT HOOD, TX	CAV	31	AA	3813	85-07-01	85-11-01
JTF BRAVO HONDURAS	122	24th CAV, 24ID, FT STEWART, GA	CAV	177	AA	21594	85-03-01	85-07-01

Table D-12. JTF BRAVO, Honduras  
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Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JTF BRAVO HONDURAS	182	92nd ENG BN, FT STEWART, GA	EN	50	AA	9100	89-04-01	89-09-30
JTF BRAVO HONDURAS	181	864th ENG BN, FT LEWIS, WA	EN	50	AA	9050	89-10-01	90-03-31
JTF BRAVO HONDURAS	182	34th ENG BN, FT BENNING, GA	EN	150	AA	27300	87-10-01	88-03-31
JTF BRAVO HONDURAS	182	11th ENG BN, FT BELVOIR, VA	EN	150	AA	27300	86-04-01	86-09-30
JTF BRAVO HONDURAS	182	43rd ENG BN, FT BENNING, GA	EN	150	AA	27300	87-04-01	87-09-30
JTF BRAVO HONDURAS	181	864th ENG BN, FT LEWIS, WA	EN	100	AA	18100	88-10-01	89-03-31
JTF BRAVO HONDURAS	182	46th ENG BN, FT RUCKER, AL	EN	150	AA	27300	88-04-01	88-09-30
JTF BRAVO HONDURAS	181	864th ENG BN, FT LEWIS, WA	EN	150	AA	27150	86-10-01	87-03-31
JTF BRAVO HONDURAS	90	43rd ENG BN, FT BENNING, GA	EN	50	AA	4500	90-04-01	90-06-30
JTF BRAVO HONDURAS	123	498th MS CO, FT LEWIS, WA	MS	13	AA	1599	89-07-01	89-11-01
JTF BRAVO HONDURAS	122	498th MS CO, FT LEWIS, WA	MS	13	AA	1586	88-03-01	88-07-01
JTF BRAVO HONDURAS	122	224th MI BN, FT STEWART, GA	MI	50	AA	6100		
JTF BRAVO HONDURAS	122	224th MI BN, FT STEWART, GA	MI	50	AA	6100		
JTF BRAVO HONDURAS	120	224th MI BN, FT STEWART, GA	MI	50	AA	6000		
JTF BRAVO HONDURAS	123	224th MI BN, FT STEWART, GA	MI	50	AA	6150		
JTF BRAVO HONDURAS	120	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18000		
JTF BRAVO HONDURAS	120	224th MI BN, FT STEWART, GA	MI	50	AA	6000		
JTF BRAVO HONDURAS	120	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18000		
JTF BRAVO HONDURAS	109	224th MI BN, FT STEWART, GA	MI	50	AA	5450		
JTF BRAVO HONDURAS	123	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18450		
JTF BRAVO HONDURAS	122	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18300		
JTF BRAVO HONDURAS	120	224th MI BN, FT STEWART, GA	MI	50	AA	6000		
JTF BRAVO HONDURAS	109	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	16350		
JTF BRAVO HONDURAS	122	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18300		
JTF BRAVO HONDURAS	123	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18450		
JTF BRAVO HONDURAS	120	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18000		
JTF BRAVO HONDURAS	120	224th MI BN, FT STEWART, GA	MI	50	AA	6000		
JTF BRAVO HONDURAS	123	224th MI BN, FT STEWART, GA	MI	50	AA	6150		
JTF BRAVO HONDURAS	123	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18450		
JTF BRAVO HONDURAS	120	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18000		
JTF BRAVO HONDURAS	122	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18300		

**Table D-12. JTF BRAVO, Honduras**  
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Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JTF BRAVO HONDURAS	122	224th MI BN, FT STEWART, GA	MI	50	AA	6100		
JTF BRAVO HONDURAS	123	224th MI BN, FT STEWART, GA	MI	50	AA	6150		
JTF BRAVO HONDURAS	120	224th MI BN, FT STEWART, GA	MI	50	AA	6000		
JTF BRAVO HONDURAS	122	224th MI BN, FT STEWART, GA	MI	50	AA	6100		
JTF BRAVO HONDURAS	123	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18450		
JTF BRAVO HONDURAS	123	224th MI BN, FT STEWART, GA	MI	50	AA	6150		
JTF BRAVO HONDURAS	123	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18450		
JTF BRAVO HONDURAS	120	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18000		
JTF BRAVO HONDURAS	123	224th MI BN, FT STEWART, GA	MI	50	AA	6150		
JTF BRAVO HONDURAS	122	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18300		
JTF BRAVO HONDURAS	122	224th MI BN, FT STEWART, GA	MI	50	AA	6100		
JTF BRAVO HONDURAS	122	513th MI BDE, FT MONMOUTH, NJ	MI	150	AA	18300		
JTF BRAVO HONDURAS	123	PLT, 571st MP CO, FT ORD, CA	MP	30	AA	3690	89-07-01	89-11-01
JTF BRAVO HONDURAS	59	555th MP CO, FT LEE, VA	MP	90	AA	5310	85-01-01	85-03-01
JTF BRAVO HONDURAS	121	571st MP CO, FT ORD, CA	MP	125	AA	15125	87-11-01	88-03-01
JTF BRAVO HONDURAS	91	21st MP CO, FT BRAGG, NC	MP	110	AA	10010	85-04-01	85-07-01
JTF BRAVO HONDURAS	123	PLT, 437th MP CO, FT BELVOIR, VA	MP	30	AA	3690	87-07-01	87-11-01
JTF BRAVO HONDURAS	120	PLT, 463d MP CO, FT LEONARD WOOD, MO	MP	30	AA	3600	86-11-01	87-03-01
JTF BRAVO HONDURAS	123	977th MP CO, FT RILEY, KS	MP	146	AA	17958	87-07-01	87-11-01
JTF BRAVO HONDURAS	123	293d MP CO, FT. Geo G. MEADE, MD	MP	125	AA	15375	86-07-01	86-11-01
JTF BRAVO HONDURAS	122	984th MP CO, FT CARSON, CO	MP	138	AA	16836	86-03-01	86-07-01
JTF BRAVO HONDURAS	121	PLT, 759 MP BN, FT CARSON, CO	MP	30	AA	3630	87-11-01	88-03-01
JTF BRAVO HONDURAS	120	65th MP CO, FT BRAGG, NC	MP	160	AA	19200	86-11-01	87-03-01
JTF BRAVO HONDURAS	122	978th MP CO, FT BLISS, TX	MP	136	AA	16592	87-03-01	87-07-01
JTF BRAVO HONDURAS	122	401st MP CO, FT HOOD, TX	MP	145	AA	17690	88-03-01	88-07-01
JTF BRAVO HONDURAS	120	PLT, 463d MP CO, FT LEONARD WOOD, MO	MP	30	AA	3600	89-11-01	90-03-01
JTF BRAVO HONDURAS	121	555th MP CO, FT LEE, VA	MP	112	AA	13552	88-12-01	89-04-01
JTF BRAVO HONDURAS	122	PLT, 988th MP CO, FT BENNING, GA	MP	30	AA	3660	88-03-01	88-07-01
JTF BRAVO HONDURAS	122	108th MP CO, FT BRAGG, NC	MP	121	AA	14762	89-04-01	89-08-01

**Table D-12. JTF BRAVO, Honduras**  
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Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
JTF BRAVO HONDURAS	121	978th MP CO, FT BLISS, TX	MP	112	AA	13552	89-12-01	90-04-01
JTF BRAVO HONDURAS	122	293d MP CO, FT MEADE, MD	MP	114	AA	13908	89-08-01	89-12-01
JTF BRAVO HONDURAS	123	PLT, 170th MP CO, FT LEWIS, WA	MP	30	AA	3690	88-07-01	88-11-01
JTF BRAVO HONDURAS	123	988th MP CO, FT BENNING, GA	MP	110	AA	13530	85-07-01	85-11-01
JTF BRAVO HONDURAS	122	511th MP CO, FT DRUM, NY	MP	130	AA	15860	88-08-01	88-12-01
JTF BRAVO HONDURAS	122	PLT, 988th MP CO, FT BENNING, GA	MP	30	AA	3660	89-03-01	89-07-01
JTF BRAVO HONDURAS	120	170th MP CO, FT LEWIS, WA	MP	130	AA	15600	85-11-01	86-03-01
JTF BRAVO HONDURAS	120	PLT, 258th MP CO, FT POLK, LA	MP	30	AA	3600	88-11-01	89-03-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	88-05-01	88-07-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	86-11-01	87-01-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	88-05-01	88-07-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	88-11-01	89-01-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	88-11-01	89-01-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	88-08-01	88-10-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	85-08-01	85-10-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	87-08-01	87-10-01
JTF BRAVO HONDURAS	59	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3540	90-02-01	90-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	88-08-01	88-10-01
JTF BRAVO HONDURAS	59	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	854	85-02-01	85-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	86-05-01	86-07-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	86-08-01	86-10-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	86-11-01	87-01-01
JTF BRAVO HONDURAS	59	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3540	87-02-01	87-04-01
JTF BRAVO HONDURAS	59	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	413	87-02-01	87-04-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	87-11-01	88-01-01
JTF BRAVO HONDURAS	60	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	420	88-02-01	88-04-01
JTF BRAVO HONDURAS	59	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3540	89-02-01	89-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	86-08-01	86-10-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	85-08-01	85-10-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	86-05-01	86-07-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	87-05-01	87-07-01



**Table D-12. JTF BRAVO, Honduras**  
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Operation	Duration	Unit	Type unit	Length	Comp	Man-days	Start date	End date
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	89-11-01	90-01-01
JTF BRAVO HONDURAS	62	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	7260	84-12-01	85-02-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	87-05-01	87-07-01
JTF BRAVO HONDURAS	122	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	854	85-05-01	85-07-01
JTF BRAVO HONDURAS	59	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3540	86-02-01	86-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	413	85-11-01	86-01-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	89-05-01	89-07-01
JTF BRAVO HONDURAS	59	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	413	89-02-01	89-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	89-08-01	89-10-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	89-05-01	89-07-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	87-11-01	88-01-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3540	85-11-01	86-01-01
JTF BRAVO HONDURAS	59	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	413	86-02-01	86-04-01
JTF BRAVO HONDURAS	61	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	427	87-08-01	87-10-01
JTF BRAVO HONDURAS	122	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	7320	85-05-01	85-07-01
JTF BRAVO HONDURAS	60	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3600	88-02-01	88-04-01
JTF BRAVO HONDURAS	62	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	847	84-12-01	85-02-01
JTF BRAVO HONDURAS	59	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	7320	85-02-01	85-04-01
JTF BRAVO HONDURAS	61	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	3660	89-08-01	89-10-01
JTF BRAVO HONDURAS	122	11 SIG BDE, FT HUACHUCA, AZ	SC	60	AA	7320	84-08-01	84-12-01
JTF BRAVO HONDURAS	122	235th SIG DET, FT HUACHUCA, AZ	SC	7	AA	854	84-08-01	84-12-01

Table D-13. CABANAS 85

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CABANAS 85	89	96th CA BN, FT BRAGG, NC	CA	6	AA	534	85-06-03	85-08-31
CABANAS 85	89	193rd SUP BN, FT CLAYTON, PN	CSS	97	AA	8633	85-06-03	85-08-31
CABANAS 85	89	HHC, 36th ENG GP, FT BENNING, GA	EN	87	AA	7743	85-06-03	85-08-31
CABANAS 85	89	43d ENG BN, FT BENNING, GA	EN	368	AA	32752	85-06-03	85-08-31
CABANAS 85	89	189th MAINT BN, FT BRAGG, NC	MAINT	27	AA	2403	85-06-03	85-08-31
CABANAS 85	89	517th MS DET, FT CARSON, CO	MS	32	AA	2848	85-06-03	85-08-31
CABANAS 85	89	36th MS BN (AA), FT POLK, LA	MS	24	AA	2136	85-06-03	85-08-31
CABANAS 85	89	549th MP CO, FT DAVIS, PN	MP	30	AA	2670	85-06-03	85-08-31
CABANAS 85	89	109th QM CO, FT LEE, VA	QM	33	AA	2937	85-06-03	85-08-31
CABANAS 85	89	259th FLD SVC CO, FT BRAGG, NC	QM	85	AA	7565	85-06-03	85-08-31
CABANAS 85	89	12th TRANS CO, FT LEONARD WOOD, MO	TC	35	AA	3115	85-06-03	85-08-31

**Table D-14. WORLDWIDE SUPPORT**  
(page 1 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
WORLDWIDESUPPORT	15	329 AG CO MN	AG	31	AR	465	86-11-29	86-12-14
WORLDWIDESUPPORT	15	320 AG DET OH	AG	27	AR	405	86-11-15	86-11-30
WORLDWIDESUPPORT	15	341 AG CO GA	AG	27	AR	405	87-02-21	87-03-08
WORLDWIDESUPPORT	16	379 AG CO WA	AG	27	AR	432	86-11-14	86-11-30
WORLDWIDESUPPORT	17	245 AV BN OK	AV	48	NG	816	87-04-15	87-05-02
WORLDWIDESUPPORT	14	245 AV BN OK	AV	65	NG	910	88-05-12	88-05-26
WORLDWIDESUPPORT	17	245 AV BN OK	AV	65	NG	1105	88-04-26	88-05-13
WORLDWIDESUPPORT	18	245 AV CO OK	AV	50	NG	900	87-08-01	87-08-19
WORLDWIDESUPPORT	17	351 CA CO CA	CA	30	AR	510	86-04-07	86-04-24
WORLDWIDESUPPORT	22	1134 CSS CO IA	CSS	60	AR	1320	87-03-07	87-03-29
WORLDWIDESUPPORT	21	850 CSS CO TX	CSS	93	AR	1953	89-03-04	89-03-25
WORLDWIDESUPPORT	14	700 CSS BN OK	CSS	13	NG	182	89-03-11	89-03-25
WORLDWIDESUPPORT	16	287 ENG DET MA	EN	14	AR	224	89-04-14	89-04-30
WORLDWIDESUPPORT	16	945 ENG DET ND	EN	30	AR	480	88-09-14	88-09-30
WORLDWIDESUPPORT	11	945 ENG DET ND	EN	1	AR	11	88-05-06	88-05-17
WORLDWIDESUPPORT	14	168 ENG BN MS	EN	70	NG	980	89-08-12	89-08-26
WORLDWIDESUPPORT	19	844 ENG BN TN	EN	100	NG	1900	89-08-02	89-08-21
WORLDWIDESUPPORT	14	120 ENG BN OK	EN	70	NG	980	89-02-25	89-03-11
WORLDWIDESUPPORT	16	122 ENG BN SC	EN	30	NG	480	88-07-07	88-07-23
WORLDWIDESUPPORT	18	164 ENG CO ND	EN	24	NG	432	88-01-11	88-01-29
WORLDWIDESUPPORT	18	164 ENG CO ND	EN	33	NG	594	87-10-18	87-11-05
WORLDWIDESUPPORT	10	116 FA BN FL	FA	103	NG	1030	88-07-03	88-07-13
WORLDWIDESUPPORT	14	123 FA BN IL	FA	120	NG	1680	88-08-13	88-08-27
WORLDWIDESUPPORT	14	206 FA BN AR	FA	120	NG	1680	88-07-02	88-07-16
WORLDWIDESUPPORT	14	206 FA BN AR	FA	120	NG	1680	88-07-16	88-07-30
WORLDWIDESUPPORT	21	183 IN BN VA	IN	150	NG	3150	87-08-15	87-09-05
WORLDWIDESUPPORT	14	399 MS HSP MA	MS	28	AR	392	89-08-12	89-08-26
WORLDWIDESUPPORT	14	455 MS HOSP RI	MS	28	AR	392	89-02-04	89-02-18

**Table D-14. WORLDWIDE SUPPORT**  
**(page 2 of 2 pages)**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
WORLDWIDESUPPORT	21	807 MD CO TX	MS	35	AR	735	87-03-07	87-03-28
WORLDWIDESUPPORT	14	373 MS HOSP MA	MS	28	AR	392	89-01-07	89-01-21
WORLDWIDESUPPORT	14	340 MS HOSP CT	MS	28	AR	392	89-04-01	89-04-15
WORLDWIDESUPPORT	13	217 MS HSP TX	MS	34	NG	442	88-01-02	88-01-15
WORLDWIDESUPPORT	14	973 MS DET KY	MS	15	NG	210	89-02-04	89-02-18
WORLDWIDESUPPORT	15	650 MS DET AL	MS	16	NG	240	89-03-03	89-03-18
WORLDWIDESUPPORT	14	209 MD CO IA	MS	42	NG	588	88-08-04	88-08-18
WORLDWIDESUPPORT	20	148 MS HOSP AR	MS	40	NG	800	89-01-07	89-01-27
WORLDWIDESUPPORT	14	730 MS CO SD	MS	36	NG	504	88-04-23	88-05-07
WORLDWIDESUPPORT	14	828 MS HOSP CA	MS	28	NG	392	88-02-06	88-02-20
WORLDWIDESUPPORT	14	138 MS CO GA	MS	40	NG	560	88-11-03	88-11-17
WORLDWIDESUPPORT	21	290 MS DET IN	MS	21	NG	441	89-07-22	89-08-12
WORLDWIDESUPPORT	15	316 MP DET CA	MP	20	AR	300	87-05-16	87-05-31
WORLDWIDESUPPORT	14	368 MP CO GA	MP	64	AR	896	88-08-13	88-08-27
WORLDWIDESUPPORT	14	368 MP CO GA	MP	35	AR	490	87-08-13	87-08-27
WORLDWIDESUPPORT	24	223 MP CO KY	MP	80	NG	1920	87-07-22	87-08-15
WORLDWIDESUPPORT	24	223 MP CO KY	MP	60	NG	1440	87-07-22	87-08-15
WORLDWIDESUPPORT	22	479 OD CO MS	OD	142	AR	3124	87-04-30	87-05-22
WORLDWIDESUPPORT	21	479 OD CO MS	OD	88	AR	1848	88-05-04	88-05-25
WORLDWIDESUPPORT	14	7 POG CA	PSYOP	10	AR	140	86-12-07	86-12-21
WORLDWIDESUPPORT	21	173 QM CO MS	QM	88	NG	1848	87-08-08	87-08-29

Table D-15. INDOCHINESE REFUGEE RESETTLEMENT

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
INDOCHINESE REFUGEE RESETT	193	96th CA CO, FT BRAGG, NC	CA	14	AA	2702	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	45th SUP GRP HQ, HAWAII	CSS	655	AA	126415	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	CO D, 411th ENGR BN(USAR), GUAM	EN	32	AR	6176	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	1st BN, 5th INF, 25th INF DIV, HAWAII	IN	500	AA	96500	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	1st BN, 27th INF, 25th INF DIV, HAWAII	IN	419	AA	80867	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	155th MS DET, FT BRAGG, NC	MS	9	AA	1737	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	172d MS DET, FT ORD, CA	MS	9	AA	1737	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	1st MS GRP HHD, FT SAM HOUSTON, TX	MS	50	AA	9650	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	702d MS CO, FT MEADE, MD	MS	104	AA	20072	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	423d MS CO, FT LEWIS, WA	MS	138	AA	26634	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	714th MS DET, FT BRAGG, NC	MS	9	AA	1737	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	TRIPLER ARMY MS CEN, HAWAII	MS	34	AA	6562	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	73d MS DET, FT JACKSON, SC	MS	6	AA	1158	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	515th OD CO, GUAM	OD	130	AA	25090	75-04-22	75-11-0
INDOCHINESE REFUGEE RESETT	193	8th PSYOP BN, FT BRAGG, NC	PSYOP	26	AA	5018	75-04-22	75-11-0

Table D-16. ENIWETOK CLEANUP

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
ENIWETOK CLEANUP	59	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	19293	80-11-01	80-12-30
ENIWETOK CLEANUP	123	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	40221	80-07-01	80-11-01
ENIWETOK CLEANUP	120	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	39240	78-11-01	79-03-01
ENIWETOK CLEANUP	123	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	40221	79-07-01	79-11-01
ENIWETOK CLEANUP	122	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	39894	79-03-01	79-07-01
ENIWETOK CLEANUP	106	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	34662	77-11-15	78-03-01
ENIWETOK CLEANUP	122	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	39894	78-03-01	78-07-01
ENIWETOK CLEANUP	122	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	39894	80-03-01	80-07-01
ENIWETOK CLEANUP	121	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	39567	79-11-01	80-03-01
ENIWETOK CLEANUP	123	84th ENG BN, (PROV), USA SUP COM, HAWAII	EN	327	AA	40221	78-07-01	78-11-01

Table D-17. INCIDENT IN GUYANA

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
INCIDENT IN GUYANA	15	1ST COSCOM, FT BRAGG, NC	GR	270	AA	4050	78-11-18	78-12-03

Table D-18. TF CROSBY, Newfoundland

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
TF CROSBY NEWFOUNDLAND	31	16th FLD SVC CO, FT LEE, VA	CSS	12	AA	372	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	QM SCHOOL, FT LEE, VA	CSS	5	AA	155	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	530th S&S BN, FT BRAGG, NC	CSS	12	AA	372	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	FT CAMPBELL, KY UNITS	CSS	187	AA	5797	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	FT BRAGG, NC (HANDLE REMAINS AT DOVER)	CSS	100	AA	3100	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	MS X-RAY PERSONNEL, FT BRAGG, NC	MS	13	AA	403	85-12-12	86-01-12
TF CROSBY NEWFOUNDLAND	31	ARMS FORCES INST OF PATHOLOGY	MS	4	AA	124	85-12-12	86-01-12

# APPENDIX E CONUS OPERATIONS

Tables E-1 through E-27 contain the supporting data for all CONUS operations. Column headings are the same as those used in Appendix D.

**Table E-1. SNOW REMOVAL, Buffalo, NY**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
SNOW REMOVAL BUFFALO NY	10	96th CA BN, FT BRAGG, NC	CA	2	AA	20	77-02-04	77-02-14
SNOW REMOVAL BUFFALO NY	10	1st COSCOM, FT BRAGG, NC	CSS	65	AA	650	77-02-04	77-02-14
SNOW REMOVAL BUFFALO NY	10	20th ENG BDE, FT BRAGG, NC	EN	247	AA	2470	77-02-04	77-02-14
SNOW REMOVAL BUFFALO NY	17	221st ENG GP, NY ARNG	EN	617	NG	10489	77-01-28	77-02-14
SNOW REMOVAL BUFFALO NY	10	HQ XVIII ABN CORPS, FT BRAGG, NC	IN	2	AA	20	77-02-04	77-02-14
SNOW REMOVAL BUFFALO NY	10	16th MP BDE, FT BRAGG, NC	MP	2	AA	20	77-02-04	77-02-14

**Table E-2. FLOOD CONTROL, Rio Del Mar, CA**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FLOOD CONTROL RIO DEL MAR CA	3	7th IN DIV, FT ORD, CA	IN	159	AA	477	78-01-09	78-01-12

**Table E-3. SNOW REMOVAL, Toledo, OH**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
SNOW REMOVAL TOLEDO OH	9	1st Corps SPT COMD, FT BRAGG, NC	CSS	54	AA	486	78-01-28	78-02-06
SNOW REMOVAL TOLEDO OH	9	20th ENG BDE, FT BRAGG, NC	EN	355	AA	3195	78-01-28	78-02-06
SNOW REMOVAL TOLEDO OH	9	101st AA DIV, FT CAMPBELL, KY	IN	54	AA	486	78-01-28	78-02-06
SNOW REMOVAL TOLEDO OH	9	82nd ABN DIV, FT BRAGG, NC	IN	47	AA	423	78-01-28	78-02-06

Table E-4. SNOW REMOVAL, Boston

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
SNOW REMOVAL BOSTON	10	ENG units from XVIII ABN CORPS, FT BRAGG	EN	506	AA	5060	78-02-08	78-02-18

Table E-5. SNOW REMOVAL, Hartford

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
SNOW REMOVAL HARTFORD	10	62 ENG BN, FT HOOD, TX	EN	301	AA	3010	78-02-08	78-02-18

Table E-6. SNOW REMOVAL, Providence

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
SNOW REMOVAL PROVIDENCE	10	36th ENG GP, FT BENNING, GA	EN	323	AA	3230	78-02-08	78-02-18

Table E-7. TORNADO, Hopkinville, KY

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
TORNADO HOPKINVILLE KY	4	20th ENG BN, FT CAMPBELL, KY	EN	69	AA	276	78-05-13	78-05-17

Table E-8. VOLCANO, Mt St Helens

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
VOLCANO MT ST HELENS	26	10th AVN BN, FT LEWIS, WA	AV	30	AA	780	80-05-22	80-06-17
VOLCANO MT ST HELENS	26	9th AVN BN, 9ID, FT LEWIS, WA	AV	27	AA	702	80-05-22	80-06-17
VOLCANO MT ST HELENS	26	3rd SQ, 5th AIR CAV, FT LEWIS, WA	CAV	32	AA	832	80-05-22	80-06-17
VOLCANO MT ST HELENS	26	593rd SUP GP, FT LEWIS, WA	CSS	135	AA	3510	80-05-22	80-06-17
VOLCANO MT ST HELENS	26	54th MS DET (HELO AMB), FT LEWIS, WA	MS	36	AA	936	80-05-22	80-06-17
VOLCANO MT ST HELENS	26	9th SIG BN, 9ID, FT LEWIS, WA	SC	51	AA	1326	80-05-22	80-06-17



Table E-9. MID-ATLANTIC STATES FLOOD

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
MID-ATLANTIC STATES FLOOD	14	3rd IN DIV (OLD GUARD)	IN	35	AA	490	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	FT BELLOIR, VA	IN	25	AA	350	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	FT CAMPBELL, KY	IN	20	AA	280	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	FT BRAGG, NC	IN	8	AA	112	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	FT LEE, VA	IN	20	AA	280	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	VIRGINIA ARNG	IN	159	NG	2226	85-11-04	85-11-18
MID-ATLANTIC STATES FLOOD	14	WEST VA ARNG	N	2742	NG	38388	85-11-04	85-11-18

Table E-10. HURRICANE HUGO, SC

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
HURRICANE HUGO SC	38	1st BN, 5th AAA (-), FT STEWART, GA	AD	15	AA	570	89-09-22	89-10-30
HURRICANE HUGO SC	38	3124th AvN BN, FT STEWART, GA	AV	84	AA	3192	89-09-22	89-10-30
HURRICANE HUGO SC	38	214th CAV (-), FT STEWART, GA	CAV	8	AA	304	89-09-22	89-10-30
HURRICANE HUGO SC	38	24th FWD SPT BDE, FT STEWART, GA	CSS	8	AA	304	89-09-22	89-10-30
HURRICANE HUGO SC	38	3rd ENG BN (-), FT STEWART, GA	EN	126	AA	4788	89-09-22	89-10-30
HURRICANE HUGO SC	38	43rd ENG BN, FT BENNING, GA	EN	379	AA	14402	89-09-22	89-10-30
HURRICANE HUGO SC	38	32nd ENG BN (-)	EN	315	AA	11970	89-09-22	89-10-30
HURRICANE HUGO SC	38	36th ENG GP, FT BENNING, GA	EN	120	AA	4560	89-09-22	89-10-30
HURRICANE HUGO SC	38	3rd BN, 15 N (-), FT STEWART, GA	IN	222	AA	8436	89-09-22	89-10-30
HURRICANE HUGO SC	38	24th MP Co, FT STEWART, GA	MP	17	AA	646	89-09-22	89-10-30
HURRICANE HUGO SC	38	260th QM BN (-)	QM	280	AA	10640	89-09-22	89-10-30
HURRICANE HUGO SC	38	24th SIG BN (-), FT STEWART, GA	SC	37	AA	1406	89-09-22	89-10-30
HURRICANE HUGO SC	38	105th SIG BN, FT BENNING, GA	SC	215	AA	8170	89-09-22	89-10-30
HURRICANE HUGO SC	38	533rd TC CO, FT BENNING, GA	TC	150	AA	5700	89-09-22	89-10-30
HURRICANE HUGO SC	38	7th TC BN, FT EUSTIS, VA	TC	48	AA	1824	89-09-22	89-10-30

Table E-11. CALIFORNIA EARTHQUAKE

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CALIFORNIA EARTHQUAKE	29	HQ, TROOP CMD, CA ARNG (FAIRFIELD)	AG	520	NG	15080	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	140th AVN CO, CA ARNG (STOCKTON)	AV	12	NG	348	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	115th AREA SUP GP, CA ARNG (ROSEVILLE)	CSS	146	NG	4234	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	FT ORD, CA	EN	46	AA	1334	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	CORPS OF ENGINEERS	EN	724	AA	20996	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	579th ENG, BN, CA ARNG (SANTA ROSA)	EN	254	NG	7366	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	PRESIDIO OF SAN FRANCISCO	IN	563	AA	16327	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	SIXTH U.S. ARMY	IN	175	AA	5075	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	40th IN MECH, CA ARNG (LOS ALAMITOS)	IN	187	NG	5423	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	HQ, STARC, CA ARNG (SACRAMENTO)	MS	56	NG	1624	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	HHC, 175th MS BDE, CA ARNG (SACRAMENTO)	MS	7	NG	203	89-10-17	89-11-15
CALIFORNIA EARTHQUAKE	29	126th MS CO (AIR AMB), CA ARNG (SACRAMENTO)	MS	65	NG	1885	89-10-17	89-11-15

Table E-12. FT WAINWRIGHT FOREST FIRE

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FT WAINWRIGHT FOREST FIRE	13	Ft Wainwright Personnel	IN	282	AA	3666	80-05-20	80-06-02

Table E-13. FIRE OREGON NATIONAL FOREST

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FIRE OR. NAT FOREST	10	AVN DET, 9th ID, FT LEWIS, WA	AV	14	AA	140	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	FAST II(-)	CSS	30	AA	300	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	590th S&S CO(I CORPS), FT LEWIS, WA	CSS	11	AA	110	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	2nd BN, 27th IN(L), 7ID, FT ORD, CA	IN	539	AA	5390	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	Co B, 13 ENG BN, 7ID, FT ORD, CA	IN	10	AA	100	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	6th ARMY LNO	IN	1	AA	10	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	HHC, 2d BDE, 7ID, FT ORD, CA	IN	43	AA	430	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	7th MS BN, 7ID, FT ORD, CA	MS	8	AA	80	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	PAO, 7ID, FT ORD, CA	PA	2	AA	20	87-09-05	87-09-15
FIRE OR. NAT FOREST	10	127th SIG, 7ID, FT ORD, CA	SC	5	AA	50	87-09-05	87-09-15

Table E-14. FIRE YELLOWSTONE

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FIRE YELLOWSTONE	36	C CO, 1st BN, 44th AD, 9ID, FT LEWIS, WA	AD	125	AA	4500	88-08-18	88-09-23
FIRE YELLOWSTONE	36	1st BN, 52 AD, 9ID, FT LEWIS, WA	AD	700	AA	25200	88-08-18	88-09-23
FIRE YELLOWSTONE	36	247th MS DET(-)(HELO AMB), 9ID, FT LEWIS, WA	AV	35	AA	1260	88-08-18	88-09-23
FIRE YELLOWSTONE	36	2d PLT, A CO, 58th AVN BN, 9ID, FT LEWIS, WA	AV	30	AA	1080	88-08-18	88-09-23
FIRE YELLOWSTONE	36	A CO, 109th SPT BN, 9ID, FT LEWIS, WA	CSS	120	AA	4320	88-08-18	88-09-23
FIRE YELLOWSTONE	36	A CO, 709th SPT BN, 9ID, FT LEWIS, WA	CSS	120	AA	4320	88-08-18	88-09-23
FIRE YELLOWSTONE	36	A CO, 15 ENG, 9ID, FT LEWIS, WA	EN	120	AA	4320	88-08-18	88-09-23
FIRE YELLOWSTONE	36	1st BN, 11 FA, 9ID, FT LEWIS, WA	FA	700	AA	25200	88-08-18	88-09-23
FIRE YELLOWSTONE	36	4th BN, 23 IN, 9ID, FT LEWIS, WA	IN	700	AA	25200	88-08-18	88-09-23
FIRE YELLOWSTONE	36	2nd BN, 2 IN, 9ID, FT LEWIS, WA	IN	700	AA	32400	88-08-18	88-09-23
FIRE YELLOWSTONE	36	A498th MS CO, FT BENNING, GA	MS	32	AA	1152	88-08-18	88-09-23
FIRE YELLOWSTONE	36	62d MS CO, 9ID, FT LEWIS, WA	MS	45	AA	1620	88-08-18	88-09-23
FIRE YELLOWSTONE	36	DET, PAO, FT LEWIS, WA	PA	11	AA	396	88-08-18	88-09-23
FIRE YELLOWSTONE	36	DET, 9th SIG BN, 9ID, FT LEWIS, WA	SC	50	AA	1800	88-08-18	88-09-23
FIRE YELLOWSTONE	36	B CO, 109th SPT BN, 9ID, FT LEWIS, WA	CSS	120	AA	4320	88-08-18	88-09-23

Table E-15. FIRE OREGON AND IDAHO

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FIRE OREGON & IDAHO	16	15th ENG BN, 9 ID, FT LEWIS, WA	EN	645	AA	10320	89-08-02	89-08-18
FIRE OREGON & IDAHO	16	1st BN, 84th FA BN, 9 ID, FT LEWIS, WA	FA	645	AA	10320	89-08-02	89-08-18

Table E-16. FIRE OREGON AND IDAHO

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
FIRE OREGON & IDAHO 1	10	4-37th AR, 1st IN DIV, FT RILEY, KS	AR	577	AA	5770	89-08-06	89-08-16
FIRE OREGON & IDAHO 1	10	4-101 AVN, 101st AA DIV, FT CAMPBELL, KY	AV	32	AA	320	89-08-06	89-08-16
FIRE OREGON & IDAHO 1	10	1-8 IN, 4th IN DIV(M), FT CARSON, CO	IN	565	AA	5650	89-08-06	89-08-16

Table E-17. AIR FLORIDA CRASH

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
AIR FLORIDA CRASH	14	11th ENG BN, FT BELVOIR, VA	EN	25	AA	350	82-01-13	82-01-27
AIR FLORIDA CRASH	14	584th CARTOGRAPHIC CO)	EN	88	AA	1232	82-01-13	82-01-27
AIR FLORIDA CRASH	14	30th ENG BN, FT BELVOIR, VA	EN	20	AA	280	82-01-13	82-01-27
AIR FLORIDA CRASH	14	BALTIMORE ENG DISTRICT	EN	64	AA	896	82-01-13	82-01-27
AIR FLORIDA CRASH	14	3d IN DIV (OLD GUARD)	IN	5	AA	70	82-01-13	82-01-27
AIR FLORIDA CRASH	14	15th COMBAT SUP HOSP	MS	5	AA	70	82-01-13	82-01-27
AIR FLORIDA CRASH	14	464th TC CO(USAR)(MS BOAT)	TC	65	AR	910	82-01-13	82-01-27

Table E-18. ALASKA OIL SPILL

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
ALASKA OIL SPILL	171	DREDGE ESSAYONS	EN	50	AA	8550	89-04-05	89-09-23
ALASKA OIL SPILL	171	DREDGE / AQUINA	EN	50	AA	8550	89-04-05	89-09-23
ALASKA OIL SPILL	171	498th MS CO, FT BENNING, GA (3UH-60's)	MS	36	AA	6156	89-04-05	89-09-23

Table E-19. SUPPORT TO FAA

Operation	Dura- tion	Unit	Type unit	Strength	Comp	Man- days	Start date	End date
SUPPORT TO FAA	607	SPECIFIC ARMY AIR TRAFFIC CONTROLLERS	AV	243	AA	147501	81-08-01	83-03-31

Table E-20. SENECA ARMY DEPOT

Operation	Dura- tion	Unit	Type unit	Strength	Comp	Man- days	Start date	End date
SENECA ARMY DEPOT	112	GROUND SURVEILLANCE RADRS	FA	24	AA	2688	83-07-04	83-10-24
SENECA ARMY DEPOT	112	MSICAL PERSONNEL	MS	30	AA	3360	83-07-04	83-10-24
SENECA ARMY DEPOT	112	DOG TEAMS	MP	8	AA	896	83-07-04	83-10-24
SENECA ARMY DEPOT	112	2 MP COMPANIES	MP	240	AA	26880	83-07-04	83-10-24
SENECA ARMY DEPOT	112	HQ, MP BN	MP	46	AA	5152	83-07-04	83-10-24

Table E-21. PRISON DISTURBANCE LA AND GA

Operation	Dura- tion	Unit	Type unit	Strength	Comp	Man- days	Start date	End date
PRISON DISTURBANCE LA & GA	1	AVN SUPPORT, LA ARNG	AV	26	NG	26	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	199th SUP BN, LA ARNG	CSS	4	NG	4	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	528th ENG BN, LA ARNG	EN	1	NG	1	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	224th ENG GP, LA ARNG	EN	105	NG	105	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	3d BN, 156th INP, LA ARNG	IN	78	NG	78	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	159th FIELD HOSP, LA ARNG	MS	160	NG	160	87-11-24	87-11-24
PRISON DISTURBANCE LA & GA	1	118th MP CO, 16th MP BDE, FT BRAGG	MP	130	AA	130	87-11-24	87-11-24

Table E-22. HAWKEYE, Virgin Isles

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
HAWKEYE VIRGIN ISLES	48	AVN DET, FT BRAGG, NC	AV	24	AA	1152	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	CIVIL AFFAIRS & PSYOPS DET, FT BRAGG, NC	CA&PS	32	AA	1536	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	DET, 1-17th CAV, FT BRAGG, NC	CAV	12	AA	576	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	DET, 407th S&S BN, FT BRAGG, NC	CSS	6	AA	288	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	46th SUP GP(-), FT BRAGG, NC	CSS	39	AA	1872	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	LOG ELEMENT, 1st COSCOM, FT BRAGG, NC	CSS	42	AA	2016	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	DET, 27th ENG BDE, FT BRAGG, NC	EN	3	AA	144	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	20th ENG BN, FT BRAGG, NC	EN	40	AA	1920	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	109th MS EVAL HOSP, AL ARNG	MS	56	AA	2688	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	519th MI BN, FT BRAGG, NC	MI	20	AA	960	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	65th MP CO, FT BRAGG, NC	MP	148	AA	7104	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	463d MP CO, FT LEONARD WOOD, MO	MP	146	AA	7008	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	503d MP BN, FT BRAGG, NC	MP	56	AA	2688	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	108th MP Co, FT BRAGG, NC	MP	155	AA	7440	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	21st MP CO, FT BRAGG, NC	MP	146	AA	7008	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	HQS, 16th MP BDE, FT BRAGG, NC	MP	90	AA	4320	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	720th MP BN, FT HOOD TX	MP	56	AA	2688	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	ASSAULT CP, JTF 140	MP	40	AA	1920	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	258th MP CO, FT POLK, LA	MP	135	AA	6480	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	411th MP CO, FT HOOD, TX	MP	140	AA	6720	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	DET, 49th PAO, FT BRAGG, NC	PA	6	AA	288	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	DET, 4th PSY OPS BN, FT BRAGG, NC	PSYOP	12	AA	576	89-09-21	89-11-08
HAWKEYE VIRGIN ISLES	48	50th SIG BN, FT BRAGG, NC	SC	25	AA	1200	89-09-21	89-11-08

Table E-23. INDOCHINESE FT CHAFFEE

Operation	Dura- tion	Unit	Type unit	Strength	Comp	Man- days	Start date	End date
INDOCHINESE FT CHAFFEE	246	20th AG DET REPL, FT CAMPBELL, KY	AG	35	AA	8610	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	44th MIL HIST DET, FT McPHERSON, GA	AG	3	AA	738	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	524th AG PERS SVC CO, FT BENNING, GA	AG	108	AA	26568	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	USAR PERSONNEL, CONUS-SIDE	AG	57	AR	14022	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	96th CA BN, FT BRAGG, NC	CA	38	AA	9348	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	LINGUIST GRP, FT HOOD, TX	CA	29	AA	7134	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	62d CSS CO (S&S), FT HOOD, TX	CSS	111	AA	27306	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	46th SUP GRP HHC, FT BRAGG, NC	CSS	97	AA	23862	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	5th ENG BN, FT LEONARD WOOD, MO	EN	287	AA	70602	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	593d ENGR CO, FT SILL, OK	EN	202	AA	49692	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	3/9 ARTY BN, FT SILL, OK	FA	102	AA	25092	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	USAAMS, STAFF & FACULTY, FT SILL, OK	IN	25	AA	6150	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	226th MAINT PLT, FT SILL, OK	MAINT	65	AA	15990	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	47th MS HOSP, FT SILL, OK	MS	109	AA	26814	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	714th MS DET, FT BRAGG, NC	MS	8	AA	1968	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	225th MS DET, FT SILL, OK	MS	7	AA	1722	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	546th MP CO, FT SILL, OK	MP	27	AA	6642	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	720th MP BN HHD, FT HOOD, TX	MP	47	AA	11562	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	411th MP CO, FT HOOD, TX	MP	157	AA	38622	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	401st MP CO, FT HOOD, TX	MP	176	AA	43296	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	28th PI DET FLD SVC, FT CARSON, CO	PI	5	AA	1230	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	50th PI DET FLD SVC, FT BRAGG, NC	PI	5	AA	1230	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	27th PI DET FLD SVC, FT MONROE, VA	PI	4	AA	984	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	4th PSYOP GRP, FT BRAGG, NC	PSYOP	28	AA	6888	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	57th SIG BN, FT HOOD, TX	SC	16	AA	3936	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	SSO DET, FT HOOD, TX	SC	5	AA	1230	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	471st TC CO LT TRK, FT SILL, OK	TC	94	AA	23124	75-04-28	75-12-30
INDOCHINESE FT CHAFFEE	246	330th TC MOVT CTL TM, FT BRAGG, NC	TC	14	AA	3444	75-04-28	75-12-30

**Table E-24. INDOCHINESE FT INDIANTOWN GAP**  
(page 1 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	23rd REPL DET, FT BENNING, GA	AG	35	AA	7245	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	553d ARMY POSTAL UNIT, FT DEVENS, MA	AG	12	AA	2484	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	401st PERS SVC CO, FT KNOX, KY	AG	116	AA	24012	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	96th CA BN, FT BRAGG, NC	CA	35	AA	7245	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	AUGMENTATION SUP, ARMY WIDE	CSS	144	AA	29808	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	46th SVC SUP GRP, FT CHAFFEE, AR	CSS	93	AA	19251	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	278th CBT SUP CO (GS), FT DEVENS, MA	CSS	18	AA	3726	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	USAR PERSONNEL, CONUS- WIDE	CSS	35	AR	7245	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	40th CBT SUP CO (S&S), FT CARSON, CO	CSS	189	AA	39123	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	76th ENG BN, FT MEADE, MD	EN	236	AA	48852	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	CO B, 1st BN, 501st IN, FT CAMPBELL, KY	IN	140	AA	28980	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	581st MAINT CO, FT MEADE, MD	MAINT	61	AA	12627	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	42d FLD HOSP, FT KNOX	MS	154	AA	31878	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	257th MS DET, FT JACKSON, SC	MS	17	AA	3519	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	261st MS DET, FT BENNING, GA	MS	6	AA	1242	75-05-22	75-12-15



**Table E-24. INDOCHINESE FT INDIANTOWN GAP**  
(page 2 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	926th MS DET, FT BENNING, GA	MS	8	AA	1656	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	485th MS DET, FT SAM HOUSTON, TX	MS	8	AA	1656	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	247th MS DET, FT MEADE, MD	MS	4	AA	828	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	209th MP CO, FT MEADE, MD	MP	177	AA	36639	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	437th MP CO, FT BELVOIR, VA	MP	177	AA	36639	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	519th MP CO, FT MEADE, MD	MP	60	AA	12420	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	ARMY SPEC OPNS PHOTO DET, FT BRAGG, NC	MI	5	AA	1035	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	13th PI DET, FT BENNING, GA	PI	5	AA	1035	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	4th PSYOP GRP, FT BRAGG, NC	PSYOP	28	AA	5796	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	330th TC MVM T, FT CHAFFEE, AR	TC	10		2070	75-05-22	75-12-15
INDOCHINESE RESETTLEMENT INDIANTOWN GAP	207	57th LT TRK CO, FT LEE, VA	TC	117	AA	24219	75-05-22	75-12-15

**Table E-25. CUBAN FT CHAFFEE**  
**(page 1 of 3 pages)**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN FT CHAFFEE	13	545 ADG Co, FT CAMPBELL, KY	AG	15	AA	195	80-05-08	80-05-21
CUBAN FT CHAFFEE	11	5064th US ARMY GARRISON, MI - USAR	AG	20	AR	220	80-07-17	80-07-28
CUBAN FT CHAFFEE	16	96th CIVIL AFFAIRS BN, FT BRAGG, NC	CA	24	AA	384	80-05-08	80-05-24
CUBAN FT CHAFFEE	90	225th MAINTENANCE Co, FT SILL, OK	CSS	50	AA	4500	80-07-17	80-10-15
CUBAN FT CHAFFEE	16	299th ENGINEER BN, FT SILL, OK	EN	65	AA	1040	80-05-08	80-05-24
CUBAN FT CHAFFEE	15	3d BN, 18th FA, FT SILL, OK	FA	110	AA	1650	80-06-02	80-06-17
CUBAN FT CHAFFEE	34	1st BN, 17th FA, FT SILL, OK	FA	110	AA	3740	80-06-02	80-07-06
CUBAN FT CHAFFEE	81	4th BN, 4th FA, FT SILL, OK	FA	110	AA	8910	80-07-26	80-10-15
CUBAN FT CHAFFEE	31	2d BN, 37th FA, FT SILL, OK	FA	110	AA	3410	80-06-03	80-07-04
CUBAN FT CHAFFEE	43	1st BN, 12th FA, FT SILL, OK	FA	110	AA	4730	80-06-02	80-07-15
CUBAN FT CHAFFEE	78	1st BN, 12th FA, FT SILL, OK	FA	110	AA	8580	80-07-29	80-10-15
CUBAN FT CHAFFEE	6	III CORPS ARTILLERY, FT SILL, OK	FA	46	AA	276	80-06-03	80-06-09
CUBAN FT CHAFFEE	4	212th FA BDE, FT SILL, OK	FA	46	AA	184	80-06-05	80-06-09
CUBAN FT CHAFFEE	4	214th FA BDE, FT SILL, OK	FA	110	AA	440	80-07-11	80-07-15
CUBAN FT CHAFFEE	6	214th FA BDE, FT SILL, OK	FA	46	AA	276	80-06-03	80-06-09
CUBAN FT CHAFFEE	57	6th BN, 33d FA, FT SILL, OK	FA	110	AA	6270	80-06-03	80-07-30
CUBAN FT CHAFFEE	6	4th BN, 4th FA, FT SILL, OK	FA	110	AA	660	80-06-03	80-06-09
CUBAN FT CHAFFEE	21	212th FA BDE, FT SILL, OK	FA	110	AA	2310	80-06-21	80-07-12
CUBAN FT CHAFFEE	88	2d BN, 37th FA, FT SILL, OK	FA	110	AA	9680	80-07-19	80-10-15
CUBAN FT CHAFFEE	21	2d BN, 12th FA, FT SILL, OK	FA	110	AA	2310	80-06-02	80-06-23
CUBAN FT CHAFFEE	25	2d BN, 12th FA, FT SILL, OK	FA	110	AA	2750	80-07-09	80-08-03
CUBAN FT CHAFFEE	10	2d BN, 1st FA, FT SILL, OK	FA	110	AA	1100	80-06-03	80-06-13
CUBAN FT CHAFFEE	13	2d BN, 18th FIELD ARTILLERY, FT SILL, OK	FA	110	AA	1430	80-05-08	80-05-21

**Table E-25. CUBAN FT CHAFFEE**  
**(page 2 of 3 pages)**

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN FT CHAFFEE	45	2d BN, 18th FIELD ARTILLERY, FT SILL, OK	FA	110	AA	4950	80-06-02	80-07-17
CUBAN FT CHAFFEE	73	2d BN, 18th FA	FA	110	AA	8030	80-08-03	80-10-15
CUBAN FT CHAFFEE	22	3d BN, 34th FA, FT SILL, OK	FA	110	AA	2420	80-07-05	80-07-27
CUBAN FT CHAFFEE	21	3d BN, 9th FIELD ARTILLERY, FT SILL, OK	FA	110	AA	2310	80-05-08	80-05-29
CUBAN FT CHAFFEE	23	2d BN, 36th FA, FT SILL, OK	FA	110	AA	2530	80-05-29	80-06-21
CUBAN FT CHAFFEE	15	2d BN, 36th FA, FT SILL, OK	FA	110	AA	1650	80-06-02	80-06-17
CUBAN FT CHAFFEE	12	3d BN, 9th FA, FT SILL, OK	FA	110	AA	1320	80-07-02	80-07-14
CUBAN FT CHAFFEE	17	3d BN, 18th FA, FT SILL, OK	FA	110	AA	1870	80-07-02	80-07-19
CUBAN FT CHAFFEE	2	3d BN, 34th FA, FT SILL, OK	FA	110	AA	220	80-06-02	80-06-04
CUBAN FT CHAFFEE	3	489 ENGINEER BN, AK - ARNG	FA	100	NG	300	80-06-04	80-06-07
CUBAN FT CHAFFEE	1	142d FIELD ARTILLERY BDE, AK - ARNG	FA	46	NG	46	80-06-02	80-06-03
CUBAN FT CHAFFEE	11	30th FINANCE DET, FT SILL, OK	FI		AA	0	80-05-08	80-05-19
CUBAN FT CHAFFEE	7	4th BN, 31st IN, FT SILL, OK	IN	110	AA	770	80-06-03	80-06-10
CUBAN FT CHAFFEE	45	676th MS DET, FT BENNING, GA	MS	24	AA	1080	80-05-08	80-06-22
CUBAN FT CHAFFEE	10	439th MS DET, FT LEONARD WOOD, MO	MS	20	AA	200	80-05-13	80-05-23
CUBAN FT CHAFFEE	53	507 MS DET (-), FT SAM HOUSTON, TX	MS	20	AA	1060	80-05-08	80-06-30
CUBAN FT CHAFFEE	47	675th MS DET, FT BENNING, GA	MS	24	AA	1128	80-05-08	80-06-24
CUBAN FT CHAFFEE	46	44th MSICAL DET, FT BRAGG, NC	MS	110	AA	5060	80-06-14	80-07-30
CUBAN FT CHAFFEE	53	225th MS DET, FT SILL, OK	MS	20	AA	1060	80-05-08	80-06-30
CUBAN FT CHAFFEE	92	DENTAL ACTIVITY, FT SILL, OK	MS	10	AA	920	80-07-15	80-10-15
CUBAN FT CHAFFEE	29	47th FIELD HOSP, FT SILL, OK	MS	25	AA	725	80-05-08	80-06-06
CUBAN FT CHAFFEE	14	22d HOSPITAL SECTION, INDIANA- USAR	MS	42	AR	588	80-05-10	80-05-24
CUBAN FT CHAFFEE	14	496th HOSPITAL SECTION, INDIANA- USAR	MS	42	AR	588	80-05-10	80-05-24
CUBAN FT CHAFFEE	9	396th STATION HOSPITAL, PUERTO RICO -USA	MS	42	AR	378	80-05-14	80-05-23
CUBAN FT CHAFFEE	7	5064th U.S. ARMY GARRISON, MI - USAR	MI	20	AR	140	80-06-22	80-06-29
CUBAN FT CHAFFEE	16	977th MP CO, FT RILEY, KS	MP	110	AA	1760	80-05-08	80-05-24
CUBAN FT CHAFFEE	16	716th MP BN, FT RILEY, KS	MP	46	AA	736	80-05-08	80-05-24
CUBAN FT CHAFFEE	39	546th MP Co, FT SILL, OK	MP	110	AA	4290	80-06-14	80-07-23
CUBAN FT CHAFFEE	54	258 MP Co, FT POLK, LA	MP	110	AA	5940	80-05-08	80-07-01
CUBAN FT CHAFFEE	11	314th MP PLATOON, TX - USAR	MP	35	AR	385	80-05-24	80-06-04
CUBAN FT CHAFFEE	9	315th MP PLATOON, TX - USAR	MP	35	AR	315	80-05-28	80-06-06

**Table E-25. CUBAN FT CHAFFEE**  
(page 3 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN FT CHAFFEE	16	531st MP CO, MI - USAR	MP	120	AR	1920	80-07-11	80-07-27
CUBAN FT CHAFFEE	14	316th MP PLATOON, TX - USAR	MP	30	AR	420	80-05-31	80-06-14
CUBAN FT CHAFFEE	15	339th MP Co, LA - USAR	MP	120	AR	1800	80-07-19	80-08-03
CUBAN FT CHAFFEE	9	607th MP BN, TX - USAR	MP	46	AR	414	80-05-28	80-06-06
CUBAN FT CHAFFEE	13	357th MP Co, MI - USAR	MP	120	AR	1560	80-07-06	80-07-19
CUBAN FT CHAFFEE	14	205th MP Co, MO - ARNG	MP	120	NG	1680	80-06-02	80-06-16
CUBAN FT CHAFFEE	15	269th MP Co, TN - ARNG	MP	120	NG	1800	80-07-04	80-07-19
CUBAN FT CHAFFEE	16	1140th MP Co, MO - ARNG	MP	120	NG	1920	80-07-11	80-07-27
CUBAN FT CHAFFEE	14	102D MP Co, MO - ARNG	MP	120	NG	1680	80-06-07	80-06-21
CUBAN FT CHAFFEE	14	1141st MP Co, MS - ARNG	MP	120	NG	1680	80-06-07	80-06-21
CUBAN FT CHAFFEE	17	225th MP Co, PUERTO RICO - ARNG	MP	120	NG	2040	80-05-14	80-05-31
CUBAN FT CHAFFEE	14	2175th MP Co, MO - ARNG	MP	120	NG	1680	80-07-26	80-08-09
CUBAN FT CHAFFEE	12	362 PSYOPS Co, OK - ARNG	MP	64	NG	768	80-06-01	80-06-13
CUBAN FT CHAFFEE	15	240th MP Co, PUERTO RICO - ARNG	MP	120	NG	1800	80-05-31	80-06-15
CUBAN FT CHAFFEE	11	486th CIVIL AFFAIRS CO, OK - ARNG	MP	24	NG	264	80-06-01	80-06-12
CUBAN FT CHAFFEE	15	547th MP PLATOON, MI - ARNG	MP	30	NG	450	80-06-21	80-07-06
CUBAN FT CHAFFEE	15	568th MP PLATOON, MI - ARNG	MP	30	NG	450	80-06-21	80-07-06
CUBAN FT CHAFFEE	14	544th MP Co, PUERTO RICO - ARNG	MP	120	NG	1680	80-06-15	80-06-29
CUBAN FT CHAFFEE	16	805th MP Co, AR - ARNG	MP	120	NG	1920	80-07-11	80-07-27
CUBAN FT CHAFFEE	14	755th MP Co, PUERTO RICO - ARNG	MP	120	NG	1680	80-06-28	80-07-12
CUBAN FT CHAFFEE	45	146th MP BN, MI - ARNG	MP	120	NG	5400	80-07-02	80-08-16
CUBAN FT CHAFFEE	12	1139th MP Co, MO - ARNG	MP	120	NG	1440	80-06-02	80-06-14
CUBAN FT CHAFFEE	23	162d MP Co, MS - ARNG	MP	120	NG	2760	80-06-06	80-06-29
CUBAN FT CHAFFEE	14	124th MP BN, PUERTO RICO - ARNG	MP	46	NG	644	80-06-28	80-07-12
CUBAN FT CHAFFEE	45	114th MP Co, MI - ARNG	MP	120	NG	5400	80-07-02	80-08-16
CUBAN FT CHAFFEE	16	13th PUB AFFAIRS DET, FT HOOD, TX	PA	4	AA	64	80-05-08	80-05-24
CUBAN FT CHAFFEE	16	1st PSYOPS BN, FT BRAGG, NC	PSYOP	64	AA	1024	80-05-08	80-05-24
CUBAN FT CHAFFEE	16	11th SIGNAL BDE, FT HUACHUCA, AZ	SC	50	AA	800	80-05-08	80-05-24
CUBAN FT CHAFFEE	3	471st TCP Co, FT SILL, OK	TC	50	AA	400	80-06-03	80-06-11
CUBAN FT CHAFFEE	17	471st TCP Co, FT SILL, OK	TC	50	AA	850	80-05-08	80-05-25

Table E-26. CUBAN FT INDIANTOWN GAP  
(page 1 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN INDIANTOWN GAP	14	360th ADJ GEN DET (PERS SVCS), SC USAR	AG	26	AR	364	80-06-01	80-06-15
CUBAN INDIANTOWN GAP	18	382d AG Co (PER SVC), FT DEVINS, MA	AG	61	AA	1098	80-05-15	80-06-02
CUBAN INDIANTOWN GAP	13	3022d U.S. ARMY GARRISON	AG	104	AA	1352	80-07-13	80-07-26
CUBAN INDIANTOWN GAP	13	360th ADJ DET (PERS SVS), SC USAR	AG	35	AR	455	80-08-03	80-08-16
CUBAN INDIANTOWN GAP	13	408th ADG Co (PER SVCS), NY USAR	AG	15	AR	195	80-08-03	80-08-16
CUBAN INDIANTOWN GAP	14	360th ADJ GEN DET (PER SVCS), SC USAR	AG	14	AR	196	80-06-22	80-07-06
CUBAN INDIANTOWN GAP	34	2nd AVN BDE, FT RILEY, KS	AV	19	AA	646	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	81	96th CIVIL AFFAIRS BN, FT BRAGG, NC	CA	6	AA	486	80-05-12	80-08-01
CUBAN INDIANTOWN GAP	14	450th CIVIL AFFAIRS Co, MD USAR	CA	12	AR	168	80-08-10	80-08-24
CUBAN INDIANTOWN GAP	15	478th CIVIL AFFAIRS Co, FL USAR	CA	23	AR	345	80-05-27	80-06-10
CUBAN INDIANTOWN GAP	12	414th CIVIL AFFAIRS Co, NY USAR	CA	24	AR	288	80-06-22	80-07-04
CUBAN INDIANTOWN GAP	14	478th CIVIL AFFAIRS Co, FL USAR	CA	11	AR	154	80-06-15	80-06-29
CUBAN INDIANTOWN GAP	13	416th CIVIL AFFAIRS Co, PA USAR	CA	12	AR	156	80-06-21	80-07-04
CUBAN INDIANTOWN GAP	13	422d CIVIL AFFAIRS Co, NC USAR	CA	19	AR	247	80-09-14	80-09-27
CUBAN INDIANTOWN GAP	13	817th PERSONNEL & ADMIN BN, PA USAR	CA	12	AR	156	80-06-30	80-07-13
CUBAN INDIANTOWN GAP	14	489th CIVIL AFFAIRS Co, TN USAR	CA	10	AR	140	80-06-21	80-07-05
CUBAN INDIANTOWN GAP	14	352d CIVIL AFFAIRS Co, MD USAR	CA	17	AR	238	80-06-15	80-06-29
CUBAN INDIANTOWN GAP	14	402d CIVIL AFFAIRS Co NY USAR	CA	21	AR	294	80-05-26	80-06-09
CUBAN INDIANTOWN GAP	14	402d CIVIL AFFAIRS Co, NY USAR	CA	46	AR	644	80-06-11	80-06-25
CUBAN INDIANTOWN GAP	14	411th CIVIL AFFAIRS Co, CT USAR	CA	14	AR	196	80-07-05	80-07-19
CUBAN INDIANTOWN GAP	12	414th CIVIL AFFAIRS Co, NY USAR	CA	46	AR	552	80-06-09	80-06-21
CUBAN INDIANTOWN GAP	14	353d CIVIL AFFAIRS COMMAND, NY USAR	CA	21	AR	294	80-06-02	80-06-16
CUBAN INDIANTOWN GAP	14	358th CIVIL AFFAIRS BDE, PA USAR	CA	45	AR	630	80-06-06	80-06-20

**Table E-26. CUBAN FT INDIANTOWN GAP**  
(page 2 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN INDIANTOWN GAP	14	354th CIVIL AFFAIRS BDE, MD USAR	CA	17	AR	238	80-06-01	80-06-15
CUBAN INDIANTOWN GAP	12	358 CIVIL AFFAIRS BGE, PA USAR	CA	43	AR	516	80-05-30	80-06-11
CUBAN INDIANTOWN GAP	16	548th S&S BN, FT DRUM, NY	CSS	302	AA	4832	80-05-18	80-06-03
CUBAN INDIANTOWN GAP	34	1st BN, 107th FA, 28 ID (PA-ARNG)	FA	213	NG	7242	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	9	1st BN, 325th INF, 82d ABN, FT BRAGG, NC	IN	542	AA	4878	80-09-18	80-09-27
CUBAN INDIANTOWN GAP	14	1st BN, 504th INF, 82d ABN, FT BRAGG, NC	IN	229	AA	3206	80-08-06	80-08-20
CUBAN INDIANTOWN GAP	28	1st BN, 505th INF, 82d ABN, FT BRAGG, NC	IN	512	AA	14336	80-08-21	80-09-18
CUBAN INDIANTOWN GAP	34	Co B, 1st BN, 325th INF, 82d ABN, FT BRAGG, NC	IN	166	AA	5644	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	14	HQ, 2d BDE, 82d ABN DIV, FT BRAGG, NC	IN	28	AA	392	80-08-06	80-08-20
CUBAN INDIANTOWN GAP	34	2nd BN, 110th INF, 28 ID (PA-ARNG)	IN	325	NG	11050	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	34	1st BN, 112th INF, 28 ID (PA-ARNG)	IN	310	NG	10540	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	34	1st BN, 110th INF, 28 ID (PA-ARNG)	IN	250	NG	8500	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	34	HQ, 2nd BDE, 28 ID (PA-ARNG)	IN	69	NG	2346	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	34	HQ, 28th INF DIV (PA-ARNG)	IN	18	NG	612	80-08-05	80-09-08
CUBAN INDIANTOWN GAP	13	4th JAG DET, NY USAR	JAG	10	AR	130	80-07-13	80-07-26
CUBAN INDIANTOWN GAP	87	598 MAINTENANCE COMPANY (-), FT HOOD, TX	MAINT	14	AA	1218	80-06-03	80-08-29
CUBAN INDIANTOWN GAP	19	514th MAINT CO (-), FT DRUM, NY	MAINT	16	AA	304	80-05-14	80-06-02
CUBAN INDIANTOWN GAP	31	42d FIELD HOSPITAL, FT KNOX, KY	MS	207	AA	6417	80-05-14	80-06-14
CUBAN INDIANTOWN GAP	47	105th MED DET, FT LEWIS, WA	MS	4	AA	188	80-07-18	80-09-03
CUBAN INDIANTOWN GAP	50	INTELLIGENCE AND SECURITY COMMAND DETACH	MI	18	AA	900	80-07-18	80-09-06
CUBAN INDIANTOWN GAP	14	770th MP Co	MP	160	AA	2240	80-06-06	80-06-20
CUBAN INDIANTOWN GAP	13	330th MP Co	MP	124	AA	1612	80-07-12	80-07-25
CUBAN INDIANTOWN GAP	93	293d MP Co, FT MEADE, MD	MP	114	AA	10602	80-05-14	80-08-15
CUBAN INDIANTOWN GAP	12	21st MP Co, FT BRAGG, NC	MP	125	AA	1500	80-08-06	80-08-18
CUBAN INDIANTOWN GAP	71	65th MP Co, FT BRAGG, NC	MP	154	AA	10934	80-06-07	80-08-17
CUBAN INDIANTOWN GAP	84	209 MP Co, FT MEADE, MD	MP	42	AA	3528	80-05-18	80-08-10
CUBAN INDIANTOWN GAP	88	HQ & HQ DET, 519th MP BN, FT MEADE, MD	MP	60	AA	5280	80-05-14	80-08-10
CUBAN INDIANTOWN GAP	14	480th MP Co	MP	172	AA	2408	80-05-24	80-06-07
CUBAN INDIANTOWN GAP	14	HQ & HQ Co, 160th MP BN	MP	92	AA	1288	80-08-22	80-09-05
CUBAN INDIANTOWN GAP	10	HQ & HQ DET, 503d MP BN, FT BRAGG, NC	MP	44	AA	440	80-08-08	80-08-18
CUBAN INDIANTOWN GAP	14	471st MP Co	MP	95	AA	1190	80-06-15	80-06-29
CUBAN INDIANTOWN GAP	20	102d MP Co, FT HOOD, TX	MP	84	AA	1680	80-05-18	80-06-07

Table E-26. CUBAN FT INDIANTOWN GAP  
(page 3 of 3 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN INDIANTOWN GAP	37	22d MP DET (PW/CIC), FT McCLELLAN, AL	MP	36	AA	3132	80-05-15	80-08-10
CUBAN INDIANTOWN GAP	15	HMD, 124MP BN	MP	17	AA	255	80-05-23	80-06-07
CUBAN INDIANTOWN GAP	14	213th MP Co, NC USAR	MP	104	AR	1456	80-06-27	80-07-11
CUBAN INDIANTOWN GAP	14	1136th MP Co, MO USAR	MP	89	AR	1246	80-06-15	80-06-29
CUBAN INDIANTOWN GAP	14	171st MP Co, OH USAR	MP	72	AR	1008	80-06-15	80-06-29
CUBAN INDIANTOWN GAP	4	157th MP Co, WV USAR	MP	76	AR	304	80-06-03	80-06-07
CUBAN INDIANTOWN GAP	12	143d MP Co, CT USAR	MP	74	AR	888	80-07-13	80-07-25
CUBAN INDIANTOWN GAP	12	175th MP Co, MO USAR	MP	138	AR	1656	80-07-13	80-07-25
CUBAN INDIANTOWN GAP	12	46th MP Co, MI ARNG	MP	97	NG	1164	80-08-04	80-08-16
CUBAN INDIANTOWN GAP	12	1175th MP Co, MO ARNG	MP	43	NG	516	80-07-13	80-07-25
CUBAN INDIANTOWN GAP	17	209th MP Co, MI ARNG	MP	116	NG	1972	80-08-21	80-09-07
CUBAN INDIANTOWN GAP	4	152d MP DET (PW/CIC), WV ARNG	MP	42	NG	168	80-06-03	80-06-07
CUBAN INDIANTOWN GAP	5	108th MP Co, NY ARNG	MP	137	NG	685	80-08-13	80-08-18
CUBAN INDIANTOWN GAP	13	171st MP DET, OH ARNG	MP	27	NG	351	80-06-15	80-06-28
CUBAN INDIANTOWN GAP	30	50th PA DET, FT BRAGG, NC	PA	3	AA	90	80-05-15	80-06-14
CUBAN INDIANTOWN GAP	9	300th PA DET, FT BRAGG, NC	PA	12	AA	108	80-08-12	80-08-21
CUBAN INDIANTOWN GAP	27	4th GROUP, 6th PSY OPS BN, FT BRAGG, NC	PSYOP	8	AA	216	80-05-18	80-06-14
CUBAN INDIANTOWN GAP	16	4th Gp, 6th PSY OPS BN, FT BRAGG, NC	PSYOP	27	AA	432	80-05-18	80-06-03
CUBAN INDIANTOWN GAP	13	7th PSY OPS BN, CA USAR	PSYOP	16	AR	208	80-07-06	80-07-19
CUBAN INDIANTOWN GAP	14	5th PSY OPS GROUP, DC USAR	PSYOP	16	AR	224	80-07-20	80-08-03
CUBAN INDIANTOWN GAP	44	16th PSYOPS CO, WV USAR	PSYOP	47	AR	2068	80-07-16	80-08-29
CUBAN INDIANTOWN GAP	14	5th PSY OPS GROUP, DC USAR	PSYOP	53	AR	742	80-08-10	80-08-24
CUBAN INDIANTOWN GAP	14	351 PSY OPS Co, NY USAR	PSYOP	10	AR	140	80-07-19	80-08-02
CUBAN INDIANTOWN GAP	15	414th CIVIL AFFAIRS Co, NY USAR	PSYOP	10	AR	150	80-07-26	80-08-10
CUBAN INDIANTOWN GAP	15	411th CIVIL AFFAIRS Co, CT USAR	PSYOP	10	AR	150	80-07-27	80-08-11
CUBAN INDIANTOWN GAP	8	351st PSY OPS Co, CA USAR	PSYOP	12	AR	96	80-07-05	80-07-13
CUBAN INDIANTOWN GAP	14	Co C, 39th SIGNAL BN, NY USAR	SC	15	AR	210	80-08-16	80-08-30

Table E-27. CUBAN FT MCCOY  
(page 1 of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN FT MCCOY	150	401st AG. CO, FT KNOX, KY	AG	105	AA	15750	80-05-18	80-10-15
CUBAN FT MCCOY	150	DEP AND ARR AIRFIELD CNTRL GP, FT RILEY, K	AV	25	AA	3750	80-05-18	80-10-15
CUBAN FT MCCOY	150	96th CA GP(-), FT BRAGG, NC	CA	9	AA	1350	80-05-18	80-10-15
CUBAN FT MCCOY	150	432d CA GP, WI USAR	CA	64	AR	9600	80-05-18	80-10-15
CUBAN FT MCCOY	150	52d ENG BN(-), FT CARSON, CO	EN	177	AA	26550	80-05-18	80-10-15
CUBAN FT MCCOY	150	86th COMBAT CPT HOSP, FT CAMPBELL, KY	MS	185	AA	27750	80-05-18	80-10-15
CUBAN FT MCCOY	150	48th MED DET, FT RILEY, KS	MS	50	AA	7500	80-05-18	80-10-15
CUBAN FT MCCOY	150	U.S. ARMY INTELL AND SECURITY COMMAND	MI	6	AA	900	80-05-18	80-10-15
CUBAN FT MCCOY	150	HQ III COPRS, FT HOOD, TX (INTERPRETERS)	MI	99	AA	14850	80-05-18	80-10-15
CUBAN FT MCCOY	129	978th MP CO, FT BLISS, TX	MP	60	AA	7740	80-05-18	80-10-04
CUBAN FT MCCOY	119	984th MP CO, FT CARSON, CO	MP	60	AA	7140	80-06-07	80-10-04
CUBAN FT MCCOY	150	759th MP BN, FT DIX, NJ	MP	295	AA	34250	80-05-18	80-10-15
CUBAN FT MCCOY	150	32d, MP Co, WI ARNG	MP	58	AA	8700	80-05-18	80-10-15
CUBAN FT MCCOY	5	194th MP CO, FT KNOX, KY	MP	60	AA	300	80-09-27	80-10-02
CUBAN FT MCCOY	150	511th MP CO, FT DIX, NJ	MP	110	AA	16500	80-05-18	80-10-15
CUBAN FT MCCOY	150	463rd MP CO, FT LEONARD WOOD, MO	MP	112	AA	16800	80-05-18	80-10-15
CUBAN FT MCCOY	6	1st MP CO, FT RILEY, KS	MP	60	AA	360	80-09-26	80-10-02
CUBAN FT MCCOY	72	401st MP CO, FT HOOD, TX	MP	60	AA	4320	80-07-07	80-09-17
CUBAN FT MCCOY	14	135th MP CO, OH ARNG	MP	60	NG	840	80-07-26	80-08-09
CUBAN FT MCCOY	14	1175th MP CO, MI ARNG	MP	60	NG	840	80-08-02	80-08-16
CUBAN FT MCCOY	14	377th MP CO, OH ARNG	MP	60	NG	840	80-07-26	80-08-09
CUBAN FT MCCOY	14	361st MP CO, OH ARNG	MP	60	NG	840	80-07-26	80-08-09
CUBAN FT MCCOY	14	210th MP CO, OH ARNG	MP	60	NG	840	80-08-02	80-08-16
CUBAN FT MCCOY	14	535th MP CON, OH ARNG	MP	60	NG	840	80-07-26	80-08-09
CUBAN FT MCCOY	14	447th MP CO, OH ARNG	MP	60	NG	840	80-08-09	80-08-23
CUBAN FT MCCOY	14	257th MP CO, MN ARNG	MP	60	NG	840	80-08-09	80-08-23
CUBAN FT MCCOY	14	233rd MP CO, IN ARNG	MP	60	NG	840	80-08-02	80-08-16



Table E-27. CUBAN FT MCCOY  
(page of 2 pages)

Operation	Duration	Unit	Type unit	Strength	Comp	Man-days	Start date	End date
CUBAN FT MC COY	150	28th PA DET, FT CARSON, CO	PA	4	AA	600	80-05-18	80-10-15
CUBAN FT MC COY	150	363d PA DET, MO USAR	PA	6	AR	900	80-05-18	80-10-15
CUBAN FT MC COY	150	8th BN, 4th PSY OPS GP, FT BRAGG, NC	PSYOP	5	AA	750	80-05-18	80-10-15
CUBAN FT MC COY	150	13th PSY OPS BN, MN USAR	PSYOP	64	AR	9600	80-05-18	80-10-15
CUBAN FT MC COY	14	350th PSY OPS CO, OH ARNG	PSYOP	64	NG	896	80-07-26	80-08-09
CUBAN FT MC COY	14	245th PSYOPS CO, TX ARNG	PSYOP	64	NG	896	80-08-10	80-08-24
CUBAN FT MC COY	14	3d PSY OPS CO, PA ARNG	PSYOP	64	NG	896	80-08-09	80-08-23
CUBAN FT MC COY	150	12th TRANS CO(LT TRK) FT LEONARD WOOD, M	TC	78	AA	11700	80-05-18	80-10-15

## APPENDIX F

## DISASTER ASSISTANCE - A HISTORICAL PERSPECTIVE

Military forces have always possessed the organization, leadership and technical skills necessary to assist in disaster assistance. This assistance can be traced to the post Civil War era when Union soldiers were used for reconstruction occupations. The Army, however, felt uncomfortable in its role of assisting in disaster relief as it lacked statutory authority for relief missions. It wasn't until 1924 that the Army published its first regulation (AR 500-60) governing disaster relief. The Army was also perceived as competing with the American Red Cross in disaster assistance and resisting any attempt to place it (the Army) under civil control for disaster assistance.

The relief activities in the 1906 San Francisco earthquake displayed a lack of clear lines of authority and organization in the area of disaster assistance and hindered relief operations. In 1938 the War Department and the Red Cross reached an agreement, and in 1939 the Red Cross received recognition from the War Department as the nation's official relief agency. In 1947 and 1950, Congress passed federal disaster relief legislation, and in 1950 Congress passed the Civil Defense Act of 1950. These acts gave birth to elaborate institutional arrangements but the Army still remained a distinctly minor and recalcitrant partner in disaster assistance. Public Law 233, passed by the 80th Congress, was the first instance of Congress directly authorizing the War Department to transfer surplus property to aid disaster assistance. Prior to this date, the War Department's role was done in an ad hoc fashion.

Throughout the history of disaster assistance, the thread of local cooperation and utility of effort has always existed. It was only at the higher echelons that confusion of organization, responsibilities and lines of communication existed. In 1962 President Kennedy signed an executive order detailing the responsibilities of the Director of the Office of Emergency Planning. Within the Department of Defense the executive agent responsibility for disaster relief activities was passed to the Secretary of the Army in 1964. A 1968 study done by Ohio State University pinpointed two key factors responsible for problems in military - civilian relations during disaster assistance: the failure of civilian officials to understand and appreciate military structures and operations and the frequent failure of military authorities to comprehend and accept the manner in which civilian organizations are structured and how they operate. Successive disaster relief operations, however, showed steady progress to overcoming these problems but operations continued to be plagued by inadequate planning and coordination, lack of ample communications, curious official visitors clogging operations and the never-changing complexity of operations. Today, many of these problems have been overcome but the Army still maintains uneasy feelings toward over-involvement in noncombat activities.

Table F-1 outlines a brief history of Army involvement in disaster assistance. Although not all inclusive, it shows the wide breath of Army involvement - both within the continental United States and in foreign countries.

Table F-1. Army Involvement in Disaster Assistance from 1856 to 1972  
(page 1 of 2 pages)

Year	Operation
1865	Reconstruction Occupation
1871	Chicago Fire
1874	Grasshopper Epidemic (Midwest)
1878	Yellow Fever Epidemic (lower Mississippi River)
1886	Charleston Earthquake
1889	Johnstown Flood
1897	Flood Relief (Rio Grande, Mississippi and Red Rivers)
1900	Galveston Flood
1902	Volcanic Eruption, Martinique Island
1904	Seattle and Baltimore Fires
1906	San Francisco Earthquake
1912	Mississippi River Flood
1913	Brazos River Flood Tornado Relief (Omaha, NE) Cyclone Relief (Alabama) Forest Fires (California and Adirondacks)
1924	First Regulation Governing Disaster Relief (AR 500-60)
1927	Mississippi River Flood
1928/9	Hurricane Relief (Florida and Puerto Rico) Earthquake Relief (Venezuela) Flood Relief (Florida and Alabama) Tornado Relief (Georgia) Cleveland Fire Investigation
1937	Flood Relief (Pennsylvania, Ohio, Indiana, Kentucky, Illinois, and lower Mississippi River)
1938	War Department and Red Cross Accord on Disaster Relief
1947	Hurricane Relief (Gulf Coast area) Flood Relief (Mississippi and Missouri River) Texas City Explosion Public Law 233 (first time surplus property from War Department transferred for disaster relief)
1950	Civil Defense Act Disaster Relief Act

Table F-1. Army Involvement in Disaster Assistance from 1856 to 1972  
(page 2 of 2 pages)

Year	Operation
1953	Tornado Relief (Waco, TX) Flood Relief (Operation TULIP - Netherlands)
1955	Hurricane Relief (Operation NOAH - east coast) Volcanic Eruption (Hawaii) Medical Relief (Pakistan)
1956	Airline Collision (Grand Canyon)
1958	Volcanic Eruption (Hawaii)
1960	Medical Relief (Operation AMIGOS - Chile)
1961/2	Chlorine Gas Emergency (Natchez, MS)
1964	Drought Relief (Operation WATER WAGON - Vermont) Earthquake Relief (Alaska) Flood Relief (Pacific Coast, Northwest and Upper Plains) DA becomes Executive Agent for DOD Disaster Relief
1965	Tornado Relief (Indiana, Michigan, Illinois, and Ohio)
1966	Disaster Relief Law
1968	Flood Relief (Dell City, TX) Ohio State University Study
1969	Hurricane Relief (Hurricane Camille)
1971	Blizzard Relief (Operation HAYLIFT) Flood Relief (California)
1972	Flood Relief (South Dakota) Hurricane Relief (Hurricane Agnes)

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## GLOSSARY

AA	Active Army
Abn	Airborne
AD	air defense
ADCSPER	Assistant Deputy Chief of Staff for Personnel
ADT	Active Duty for Training
AG	Adjutant General
AR	armor; United States Army Reserve
ARNG	Army National Guard
ATC	air traffic control
AV	Aviation
BIFC	Boise Interagency Fire Center
Bn	battalion
CA	Civil Affairs
CAV	cavalry
CH	cargo helicopter
CINCPAC	Commander in Chief Pacific
CINCSOUTH	Commander in Chief South
CM	Chemical
co	company
CONUS	continental United States
COSCOM	corps support command
CSS	combat service support
DISCOM	division support command
DOMS	Director of Military Support
DOD	Department of Defense
DOT	Department of Transportation

DUSAA	Davison United States Army Airfield
EDRE	emergency deployment readiness exercise
EEA	essential element(s) of analysis
EN	Engineer
EOC	emergency operation center
EST	Eastern Standard Time
FA	Field Artillery
FAA	Federal Aviation Agency
FASTAB	Field Artillery School Target Acquisition Battery
FEMA	Federal Emergency Management Act
FES	Force Employment Study
FI	Finance
FORSCOM	US Army Forces Command
FTX	field tactical exercise
FY	fiscal year
GR	graves registration
HQDA	Headquarters, Department of the Army
ID	infantry division
IN	Infantry
JA	Judge Advocate General
JCS	Joint Chiefs of Staff
JTF	joint task force
LIC	low intensity conflict
LSE	Logistical Support Element
MAINT	Maintenance
MDW	Military District of Washington
MEDEVAC	medical evacuation

MEDRE	medical readiness training exercise
MFO	Multinational Force and Observers
MI	military intelligence
MNF	Multinational Force
MACOM	major Army command
MP	Military Police
MS	Medical Service
NTSB	National Transportation Safety Board
mtzd	motorized
NG	National Guard
OCES	Organization of Eastern Caribbean States
OCONUS	outside continental United States
OD	Ordnance
ODCSOPS	Office of the Deputy Chief of Staff for Operations and Plans
ODT	overseas deployment training
PATCO	Professional Air Traffic Controllers' Organization
PA	Public Affairs
PDF	Panama Defense Force
PSYOPS	psychological operations
QM	Quartermaster
S&S	supply and service
S&T	supply and transportation
SC	Signal Corps
SEAD	Seneca Army Depot
SUPCOM	support command
TC	Transportation Corps
TDA	table(s) of distribution and allowances

TF	task force
TRADOC	US Army Training and Doctrine Command
USAR	United States Army Reserve
USARSO	United States Army South
USDAO	United States Defense Attache Office
USMILSUPE	United States Military Support Element